



Professional IP Solutions

Product Reference Guide



Crucial evidence. Always.



VIP
VISION

Terminal 2
Mainland China



Crucial evidence. Always.™

We believe in delivering systems that function seamlessly with your business operations, to truly grant peace of mind.

VIP Vision is the premier IP surveillance solution for enterprise and commercial applications, delivering powerful, scalable IP CCTV systems, with an emphasis on functionality, ease of use and ease of installation across the range.

VIP Vision is backed by over 2,000 professionals in research and development at the forefront of advanced surveillance and IP intercom technologies. Their constant pursuit of innovation delivers cutting edge products with high quality, performance and reliability.

With 4 to 128 channel systems, VIP Vision offers professional video surveillance solutions for small projects through to large commercial, public sector and government level applications.

Stream beyond Ultra HD with 12 megapixel recording using the latest range of VIP Vision IP surveillance cameras. Adaptable to any task, the range offers a wide selection of professional bullet and dome cameras, as well as application specific models such as PTZ, fisheye and pinhole cameras.

VIP Vision IP systems are accompanied by an extensive range of accessories including, video wall controllers, brackets & adapters, central management software and PoE accessories to help you deliver the most professional and reliable install possible.

Rest assured knowing you have usable video evidence when it matters most with VIP Vision IP surveillance.

What's new from VIP Vision

The latest in VIP Vision IP CCTV surveillance and intercom systems



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Ultra HD: 8MP (3840 x 2160)

Full HD: 2MP

HD: 1MP



Ultra HD Image Quality & Beyond

IP Surveillance Cameras (p.16)

The truth is in the detail. The latest VIP Vision IP surveillance solutions offer up to 12 megapixels (4000 x 3000) of image resolution, with real-time streaming (25fps) in 8 megapixels Ultra HD resolution (3840 x 2160).

This is six times greater than 1080p Full HD resolution. Get the image quality when you need it most with the Ultra HD range from VIP Vision.



Cameras Built for Every Application

Specialty Network Surveillance (p.36)

Adaptable for a wide range of tasks, the specialty IP surveillance range from VIP Vision now includes a number of new models.

- Laser infrared PTZ models offer crisp night vision quality up to 500m distance.
- Fisheye range performs the roles of multiple cameras with 360° view & 4 dewarp modes.
- Robust mobile IP PTZs built for demanding environments such as in earthmoving, freight, etc.

Improve Accessibility, Remain Secure

Residential IP Intercoms (p.36)

Updated with stylish new door stations and indoor monitors, the VIP Vision residential IP intercom range offers powerful IP integration with simple installations.

- Slim IP intercom monitors with 7" LCD touchscreen.
- New vandal resistant IP intercom door station with intuitive single button interface and voice prompting.
- Integrate with VIP Vision surveillance systems connected on the same network.





Professional Network Video Recorders

Solutions for enterprise to residential and everything in between.

- 4 channel to 128 channel NVRs with up to 384Mbps of incoming bandwidth
- ONVIF compliant NVRs with support for Ultra High Definition surveillance cameras
- Store up to months of footage with support for 6TB and 4TB surveillance HDDs
- Models available with built-in PoE switches and optical drives for footage backup
- Comprehensive remote view and rapid setup via QR code for iOS & Android devices

Professional Surveillance Management Centre

Model: NVR-GSMC



Product Overview

Integrate entire surveillance systems into existing corporate networks with the VIP Vision Professional Surveillance Management Centre. It is ideal for central management of commercial or industrial sites with large-scale surveillance deployments. It enables controlled distribution of vast CCTV networks, with tools to comprehensively manage user credentials, system access and camera visibility.

Built for power and reliability, the NVR-GSMC is powered by Intel® Core™ processors, features 8GB of DDR3 RAM, and runs an embedded Linux operating system designed for 24/7 operation.

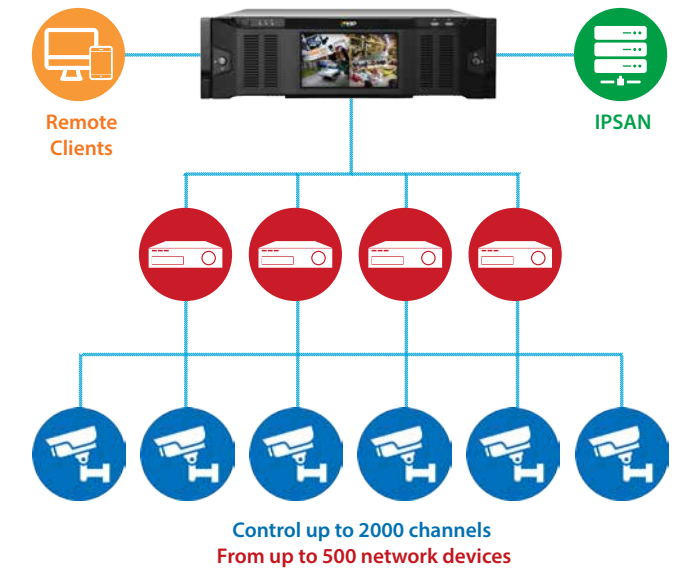
The Professional Surveillance Management Centre has been engineered for optimum performance in handling large scale surveillance systems. Capable of 700Mbps stream media transfer and storage, the NVR-GSMC enables remote management of up to 500 devices with up to 2,000 channels of input video.

The NVR-GSMC also has the optional ability to record selected incoming streams to a maximum of 15 local hard disks, up to 4TB per bay. With RAID compatibility, it is well-suited for footage redundancy in the event of a surveillance device failure on the network.

This surveillance system can be accessed and configured remotely via Internet browser and iOS/Android devices. It offers a highly customisable user account system, with support for 10,000 accounts and up to 1,000 online users at any given time. A central administrator can modify recording profiles, storage use, user access and accounts.

The NVR-GSMC is easily accessed and operated via PC-based management applications VIP Vision Smart PSS and DSS. Each sport a feature-rich and user-friendly tabbed interface for ease of use.

Model	NVR-GSMC
System	
Main Processor	Intel® Core™ Processors
Motherboard	Embedded board
Memory	8GB DDR3
Operating System	Embedded Linux OS
ONVIF Conformance	ONVIF conformance / GB/T 28181 protocol standard
Power Supply	Standard / Redundant power supply optional
Performance	
Maximum Devices	Supports up to 500
Maximum Channels	Supports up to 2000
Maximum Transfer	700Mbps
Maximum Local Storage	700Mbps
Maximum eMap Support	Supports up to 200 channels on single screen
Maximum Accounts	10,000
Maximum Online Users	1000
Alarm Performance	Processes up to 1000 channel alarms per second
Rated Uptime	24/7 Operation
Display	
LCD Detail	System information and status: System time / hardware information / platform service status
Client	
Compatible Clients	VIP Vision Smart PSS / VIP Vision DSS / Browser
Features	Live View / Playback / GIS eMap (Google® Maps™, raster map) Video Wall / Alarm Manager / Audio Broadcast
IVS & Smart Functions	Behaviour analytics / Face detection / Moving person or object People counting / Video diagnostics / Record mark and lock
Network	
Ethernet	4 x RJ-45 ports (10/100/1000M)
Ethernet Type	Load balancing / Independent
Storage	
Internal HDD	Single system disk with up to 15 local HDDs (4TB per bay)
HDD Modes	Single disk, RAID 0/1/5 / Supports IP-SAN
Auxiliary	
USB Interface	4 x USB2.0 ports
Auxiliary Inputs	1 x RS232 COM port
General	
Construction	Hot-dipped galvanised sheet steel and aluminium alloy slide
Power Supply	100 ~ 240V (47 ~ 63Hz) / Hot-swappable
Power Consumption	10 ~ 200W (including HDDs)
Operating Environment	0 ~ 50°C / 5 ~ 90%RH
Dimensions	526 x 485 x 135mm
Weight	17.45kg (without HDD)
Basic System Map	



Ultimate 64 Channel Network Video Recorder

Model: NVR64ULTNP



Product Overview

The VIP Vision NVR64ULTNP is a 64 channel network video recorder, designed as a high performance, high capacity, professional IP surveillance solution for enterprise applications.

Purpose built for large surveillance installations, the NVR64ULTNP is powered by Intel® Core™ processors and includes a 7" front panel LCD display. It features 16 x SATA ports for a maximum of 96TB of hard drive storage which can be optimised for speed or redundancy via a variety of RAID HDD configurations.

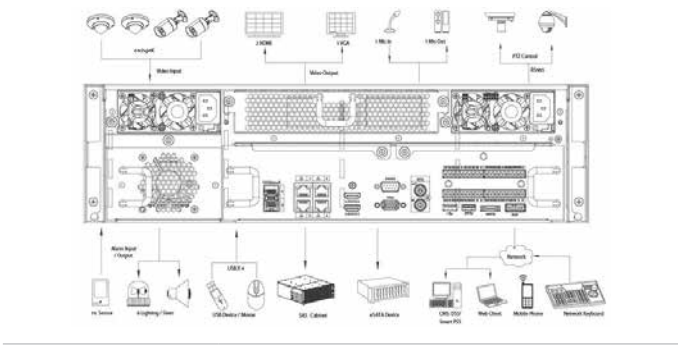
This NVR is also capable of live view output in Ultra HD resolution (3840 x 2160), allowing cameras to display at their maximum resolution on compatible UHD monitors/televisions.

The NVR64ULTNP supports up to 384Mbps incoming bandwidth and can record beyond full HD video at a maximum resolution of 12.0MP (4000 x 3000). It also supports configuration of the VIP Vision 360° IP camera range.

Accessing footage and changing settings remotely is possible from a local PC or over the internet via the NVR web interface. Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone.

The NVR64ULTNP can backup footage to external USB devices, eSATA devices, an internal DVD-RW burner (optional) as well as via the local network

Model	NVR64ULTNP
System	
Main Processor	Intel® Core™ Processors
Operating System	Embedded Linux
Video Input	64 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	2 x HDMI / 1 VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9/16/25/36, Extra display: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	384Mbps
Bit Rate	1 ~ 20Mbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	16 channels input / 8 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	128Mbps (RAID 5 mode) / 64Mbps (single HDD mode)
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / eSATA Device / Internal SATA burner
Network	
Ethernet	4 RJ-45 ports (10/100/1000M): Load Balancing / Independent
Power over Ethernet	N/A
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search
Optical Interface	2 x Gigabit Fibre Interface
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	16 SATA ports, up to 96TB
HDD Modes	Single disk, RAID 0/1/5/6/10/50/60 (Global hot-spare support)
Auxiliary	
USB Interface	4 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA / 1 x Mini SAS
General	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz
Power Consumption	NVR: < 51W (without HDD)
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	532 x 485 x 133mm
Weight	17.45kg (without HDD)
Rear Panel	



Ultimate 32 Channel Network Video Recorder

Model: NVR32ULTNP



Product Overview

The VIP Vision NVR32ULTNP is a 32 channel network video recorder, designed as a high performance, high capacity, professional IP surveillance solution for enterprise applications.

Purpose built for large surveillance installations, the NVR32ULTNP is powered by Intel® Core™ processors for optimal performance. It features 8 x SATA ports for a maximum of 48TB of hard drive storage which can be optimised for speed or redundancy via a variety of RAID HDD configurations.

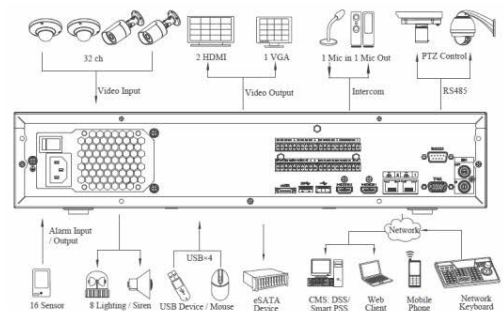
This NVR is also capable of live view output in Ultra HD resolution (3840 x 2160), allowing cameras to display at their maximum resolution on compatible UHD monitors/televisions.

The NVR32ULTNP supports up to 384Mbps incoming bandwidth and can record beyond full HD video at a maximum resolution of 12.0MP (4000 x 3000). It also supports configuration of the VIP Vision 360° IP camera range.

Accessing footage and changing settings remotely is possible from a local PC or over the internet via the NVR web interface. Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone.

The NVR32ULTNP can backup footage to external USB devices, eSATA devices, an internal DVD-RW burner (optional) as well as via the local network

Model	NVR32ULTNP
System	
Main Processor	Intel® Core™ Processors
Operating System	Embedded Linux
Video Input	32 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	2 x HDMI / 1 VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9/16/25/36, Extra display: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	384Mbps
Bit Rate	1 ~ 20Mbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	16 channels input / 8 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	128Mbps (RAID 5 mode) / 64Mbps (single HDD mode)
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / eSATA Device / Internal SATA burner
Network	
Ethernet	2 RJ-45 ports (10/100/1000M): Load Balancing / Independent
Power over Ethernet	N/A
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Optical Interface	N/A
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	8 SATA ports, up to 48TB
HDD Modes	Single disk, RAID 0/1/5/6/10 (Global hot-spare support)
Auxiliary	
USB Interface	4 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA
General	
Power Supply	110 ~ 240VAC, 50 ~ 60Hz
Power Consumption	NVR: < 40W (without HDD)
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	482 x 550 x 91mm
Weight	9.0kg (without HDD)
Rear Panel	



Professional 32 Channel Network Video Recorder

Model: NVR32PRO16P



Product Overview

The VIP Vision NVR32PRO16P is a 32 channel network video recorder, designed as an immediate and customisable high definition IP surveillance solution.

It features a built-in 16 port Power over Ethernet (PoE) switch, supplying camera power, video, audio and PTZ control data across a single ethernet cable. The NVR supports up to 256Mbps incoming bandwidth and can record beyond full HD video at a maximum resolution of 12.0MP (4000 x 3000).

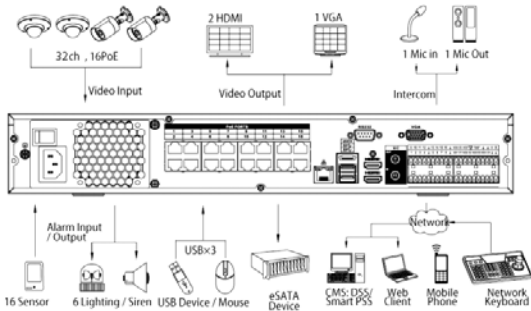
Adjusting recording settings, exporting footage and live viewing camera streams are performed through an easy to use user interface. This NVR supports up to 24TB of internal storage via 4 x SATA ports and features continuous recording. This NVR is also capable of live view output in Ultra HD resolution (3840 x 2160), allowing cameras to display at their maximum resolution on compatible UHD monitors/televisions.

Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone via free applications and can be configured in seconds using the remote view QR code tool.

The NVR32PRO16P can backup footage to external USB devices, eSATA devices, an internal DVD-RW burner (optional) as well as via the local network.

This NVR is also available in a non-PoE version.

Model	NVR32PRO16P
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	32 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	2 x HDMI / VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.265 / H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	256Mbps
Bit Rate	1 ~ 20Mbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	16 channels input / 6 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4/9/16
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / eSATA Device / Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	16 ports (IEEE802.3af)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Optical Interface	N/A
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	4 SATA ports, up to 24TB
HDD Modes	N/A
Auxiliary	
USB Interface	3 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA
General	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz
Power Consumption	NVR: 26.5W (without HDD) / PoE: Max 25.5W per port
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	440 x 405 x 76mm
Weight	4.35kg (without HDD)
Rear Panel	



Product Variants by Model	
NVR32PRONP	No built in Power over Ethernet switch.

Professional 16 Channel Network Video Recorder

Model: NVR16PRO5



Product Overview

The VIP Vision NVR16PRO5 is a 16 channel network video recorder, designed as an immediate and customisable high definition IP surveillance solution.

It features a built-in 16 port Power over Ethernet (PoE) switch, supplying camera power, video, audio and PTZ control data across a single ethernet cable. The NVR supports up to 256Mbps incoming bandwidth and can record beyond full HD video at a maximum resolution of 12.0MP (4000 x 3000).

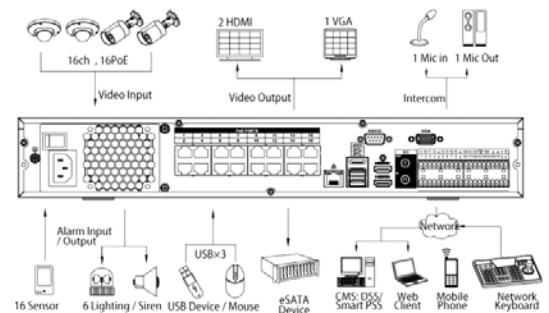
Adjusting recording settings, exporting footage and live viewing camera streams are performed through an easy to use user interface. This NVR supports up to 24TB of internal storage via 4 x SATA ports and features continuous recording. This NVR is also capable of live view output in Ultra HD resolution (3840 x 2160), allowing cameras to display at their maximum resolution on compatible UHD monitors/televisions.

Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone via free applications and can be configured in seconds using the remote view QR code tool.

The NVR16PRO5 can backup footage to external USB devices, eSATA devices, an internal DVD-RW burner (optional) as well as via the local network.

This NVR is also available in a non-PoE version.

Model	NVR16PRO5
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	16 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	2 x HDMI / VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.265 / H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	256Mbps
Bit Rate	1 ~ 20Mbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	16 channels input / 6 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4/9/16
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / eSATA Device / Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	16 ports (IEEE802.3af)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Optical Interface	N/A
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	4 SATA ports, up to 24TB
HDD Modes	N/A
Auxiliary	
USB Interface	3 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA
General	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz
Power Consumption	NVR: 26.5W (without HDD) / PoE: Max 25.5W per port
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	440 x 405 x 76mm
Weight	4.65kg (without HDD)
Rear Panel	



Product Variants by Model	
NVR16PRO5NP	No built in Power over Ethernet switch.

Professional 8 Channel Network Video Recorder

Model: NVR8PRO4



Product Overview

The VIP Vision NVR8PRO4 is an 8 channel network video recorder, designed as an immediate and customisable high definition IP surveillance solution.

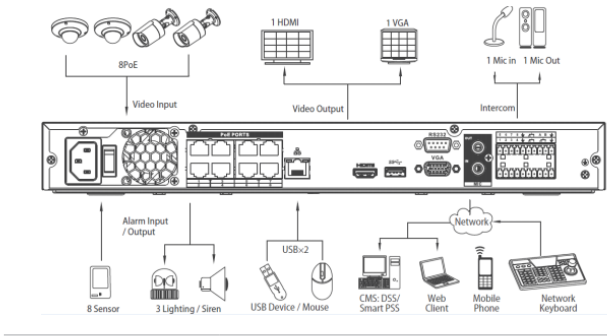
It features a built-in 8 port Power over Ethernet (PoE) switch, supplying camera power, video, audio and PTZ control data across a single ethernet cable. The NVR supports up to 256Mbps incoming bandwidth and can record beyond full HD video at a maximum resolution of 12.0MP (4000 x 3000).

Adjusting recording settings, exporting footage and live viewing camera streams are performed through an easy to use user interface. This NVR supports up to 12TB of internal storage via 2 x SATA ports and features continuous recording. This NVR is also capable of live view output in Ultra HD resolution (3840 x 2160), allowing cameras to display at their maximum resolution on compatible UHD monitors/televisions.

Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone via free applications and can be configured in seconds using the remote view QR code tool.

The NVR8PRO4 can backup footage to external USB devices as well as via the local network.

Model	NVR8PRO4
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	8 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	HDMI / VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.265 / H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	256Mbps
Bit Rate	1 ~ 20Mbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	8 channels input / 3 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4/9
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	8 ports (IEEE802.3af)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Optical Interface	N/A
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	2 SATA ports, up to 12TB
HDD Modes	N/A
Auxiliary	
USB Interface	2 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485
General	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz
Power Consumption	NVR: 15.2W (without HDD) / PoE: Max 25.5W per port
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	375 x 275 x 56mm
Weight	2.65kg (without HDD)
Rear Panel	



Professional 4 Channel Network Video Recorder

Model: NVR4PRO2



Product Overview

The VIP Vision NVR4PRO2 is a 4 channel network video recorder, designed as an immediate and customisable high definition IP surveillance solution.

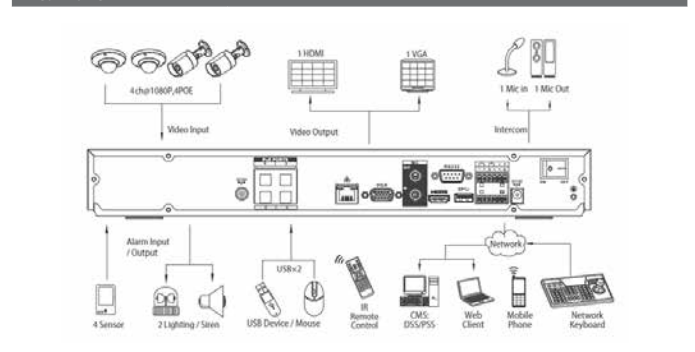
Installation of IP CCTV has never been simpler with the NVR4PRO2. It features a built-in 4 port Power over Ethernet (PoE) switch, supplying camera power, video, audio and PTZ control data across a single ethernet cable. The NVR supports up to 200Mbps incoming bandwidth and can record beyond full HD video at 5.0MP resolution (2560 x 1920) across all 4 channels.

Adjusting recording settings, exporting footage and live viewing camera streams are performed through an easy to use user interface. This NVR supports up to 8TB of internal storage and features continuous recording. When the internal storage is full, the NVR will automatically record over the oldest footage. Accessing footage and changing settings remotely is possible from a local PC or over the internet via the NVR web interface.

Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone via free applications and can be configured in seconds using the remote view QR code tool.

The NVR4PRO2 can backup footage to external USB devices as well as via the local network.

Model	NVR4PRO2
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	4 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.3 Conformance
Display	
Video Output	HDMI / VGA
Resolution	Configurable from 1920 x 1080 to 1024 x 768
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.264 / MJPEG
Maximum Resolution	Configurable from 5.0MP(2560 x 1920) to CIF (352 x 288)
Incoming Bandwidth	200Mbps
Bit Rate	48 ~ 8192kbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	4 channels input / 2 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network
Network	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	4 ports (IEEE802.3af)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Optical Interface	N/A
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	2 SATA ports, up to 8TB
HDD Modes	N/A
Auxiliary	
USB Interface	2 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485
General	
Power Supply	12VDC 4A / PoE: 48VDC 1.04A
Power Consumption	NVR: 20W (without HDD) / PoE: Max 25.5W per port
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	375 x 285 x 50mm
Weight	2.0kg (without HDD)



Professional 4 Channel Mobile NVR with GPS

Model: MNVR-GPS



Product Overview

The VIP Vision MNVR-GPS is the perfect high definition recording solution for public, commercial and industrial transportation applications.

The MNVR-GPS has a robust, vibration dampening housing and is designed for use in vehicles in a variety of tough environments. It is ideal for public transport use in taxis and buses, in marine applications for small to medium vessels, logistics/freighting vehicles, security & law enforcement vehicles and more.

Perform essential functions such as monitoring driver and passenger behaviour; gathering video evidence in the event of an accident; video/GPS proof of delivery; and GPS vehicle tracking (on playback).

Never miss a moment with full HD 1080p (1920 x 1080) recording across every channel in real-time (25fps) with support for audio and two-way talk. Adding IP cameras is just as simple as conventional NVRs with the built-in 4 port PoE switch. Simply connect cameras via Ethernet cable and the NVR will look after the rest.

This unit utilises two 2.5" removable HDDs, housed in a lockable casing, allowing you to securely remove and review video evidence.

The MNVR-GPS features a GPS module built-in, enabling tracking of location and land speed alongside your playback footage. You can also remotely search, playback, backup and configure this NVR over standard Ethernet networks.

Model	MNVR-GPS
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	4 channel
Two-way Talk	1 channel input / 1 channel output (aviation connector)
ONVIF Conformance	2.0 Conformance
Display	
Video Output	1 x VGA / 2 x TV
Resolution	Configurable from 1920 x 1080 to 1024 x 768
Display Split	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.264 / MJPEG
Maximum Resolution	Configurable from 1080p (1920 x 1080) to D1 (704 x 576)
Recording Rate	1080p at 25fps across all channels
Bit Rate	48 ~ 8192Kbps
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~120 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	8 channels input / 3 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network
Network & GPS	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	4 ports (IEEE802.3af)
Network Functions	HTTP, IPv4, TCP/IP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, FTP, IP Filter
GPS Functions	Built-in GPS / Overlay: car number, time, position, speed
Mobile Network	3G module (optional)
Max. User Access	10 users
Storage	
Internal HDD	2 x 2.5" SATA ports
MicroSD	N/A
Auxiliary	
USB Interface	2 ports: Rear USB2.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485
General	
Power Supply	8 ~ 36VDC
Power Consumption	< 10W
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH
Dimensions	180 x 208 x 100mm
Weight	3.0kg (without HDD)
Rear Panel	





Professional Surveillance Cameras

High performance models for every application and price point.

- Available in a large range of motorised, manual varifocal and fixed lens models
- Stream beyond full high definition with 12.0, 5.0, 4.0 and 3.0 megapixel cameras
- Experience the low light prowess of the 2.0 megapixel Ultra WDR cameras
- Professional features like WDR, edge recording, alarm/audio integration and more
- Enjoy premium build quality across the range with IP66/67 and IK10 rated models

12.0 Megapixel Infrared Motorised Bullet

Model: VSIP12MPFBIRM



The best in image resolution and professional features in a single camera. Be amazed with broadcast quality Ultra HD resolution video, streamed in real-time up to 16Mbps.

Camera Features

- Stream Ultra HD 8.0 megapixel (3840 x 2160) at 25fps
- 4.1 ~ 16.4mm motorised lens with 106 ~ 34° viewing angles
- Day/night (auto ICR) with 50m maximum infrared range
- Digital wide dynamic range with back/highlight compensation
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 128GB
- Audio and alarm interface input/output; BNC video output
- Supports triple stream and smart detection technologies
- IP67 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA121

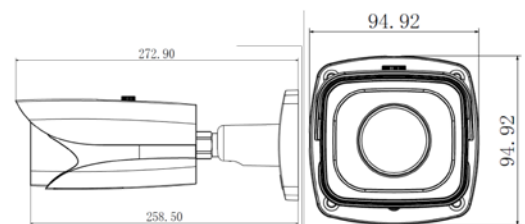


VSBKTA152



VSBKTA151

Model		VSIP12MPFBIRM
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/1.7" 12.0 Megapixel Progressive Scan CMOS	
Effective Pixels	4000 (H) x 3000 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4.1 ~ 12.8mm F1.53 Motorised Lens	
Angle of View	106.2° (wide) ~ 33.6° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.05 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1 ch. Output	
Audio Compression	G.711a / G.711u / AAC	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100/1000 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 32K ~ 16Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection / Missing & Abandoned Object / Audi & Defocus Detect	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)	
Frame Rate	Main	12.0MP (1 ~ 12fps) / 8.0MP and lower (1~25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	1080p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP67	
Vandal Resistant	N/A	
Maximum Infrared Range	50m	
Power Input	12VDC / 24VAC / PoE (802.3at)	
Power Consumption	< 24W	
Dimensions	273 x 95 x 95mm	
Weight	1.60kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



12.0 Megapixel WDR Infrared Motorised Dome

Model: VSIP12MPVDIRM



The best in image resolution and professional features in a single camera. Be amazed with broadcast quality Ultra HD resolution video, streamed in real-time up to 16Mbps.

Camera Features

- Stream Ultra HD 8.0 megapixel (3840 x 2160) at 25fps
- 4.1 ~ 16.4mm motorised lens with 100 ~ 33° viewing angles
- Day/night (auto ICR) with 50m maximum infrared range
- Wide dynamic range (100db) with back/highlight compensation
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 128GB
- Audio and alarm interface input/output; BNC video output
- Supports triple stream and smart detection technologies
- IP67/IK10 weather/vandal resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA101

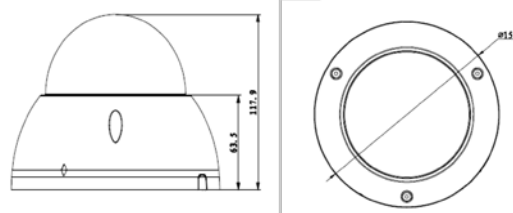
VSBKTB302S

VSBKTA150

VSBKTA151

VSBKTB300C

Model		VSIP12MPVDIRM
General		
Camera Style	Weather/Vandal Resistant Dome	
Image Sensor	1/1.7" 12.0 Megapixel Progressive Scan CMOS	
Effective Pixels	4000 (H) x 3000 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4.1 ~ 16.4mm F1.4 Motorised Lens	
Angle of View	100° (wide) ~ 33° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.05 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (100dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / AAC	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100/1000 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 32K ~ 16Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection / Missing & Abandoned Object / Audi & Defocus Detect	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)	
Frame Rate	Main	12.0MP (1 ~ 12fps) / 8.0MP and lower (1~25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	1080p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP67	
Vandal Resistant	IK10	
Maximum Infrared Range	50m	
Power Input	12VDC / 24VAC (optional) / PoE (802.3at)	
Power Consumption	< 24W	
Dimensions	Ø159 x 118mm	
Weight	1.10kg	
Operating Environment	-40° to 60°C / RH95% (max)	
Product Dimensions		



5.0 Megapixel Infrared Motorised Bullet

Model: VSIP5MPFBIRM



The all-purpose, high performance, surveillance solution. Impressive image quality, five megapixel resolution and the convenience of easy-installation with a motorised varifocal lens.

Camera Features

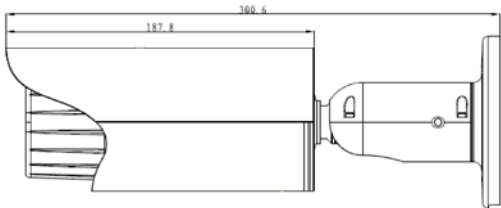
- Stream up to 5.0 megapixel (2560 x 1920) at 12fps
- 4 ~ 9mm motorised lens with 82 ~ 36° viewing angles
- Day/night (auto ICR) with 30m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/output; BNC video output
- Power via 12VDC, 24VAC or Power over Ethernet (802.3af)
- IP66 rated housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP5MPFBIRM
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/2.5" 5.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2560 (H) x 1920 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4 ~ 9mm F1.6 Motorised Lens with Auto Iris (DC)	
Angle of View	82.4° (wide) ~ 36.1° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.6 (Colour) / 0 Lux at F1.6 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 32K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 5.0MP (2560 x 1920) to CIF (352 x 288)	
Frame Rate	Main	5.0MP (1 ~ 12fps) / 3.0MP (1 ~ 20fps) / 1080p (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	30m	
Power Input	12VDC / 24VAC (optional) / PoE (802.3af)	
Power Consumption	< 8.5W	
Dimensions	Ø104 x 307mm	
Weight	1.25kg	
Operating Environment	-30° to 60°C / RH90% (max)	
Product Dimensions		



5.0 Megapixel Infrared Motorised Dome

Model: VSIP5MPVDIRM



The all-purpose, high performance, surveillance solution. Impressive image quality, five megapixel resolution and the convenience of easy-installation with a motorised varifocal lens.

Camera Features

- Stream up to 5.0 megapixel (2560 x 1920) at 12fps
- 4 ~ 9mm motorised lens with 86 ~ 29° viewing angles
- Day/night (auto ICR) with 20m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/output; BNC video output
- Power via 12VDC, 24VAC or Power over Ethernet (802.3af)
- IP66 and IK10 rated housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA100

VSBKTB302S

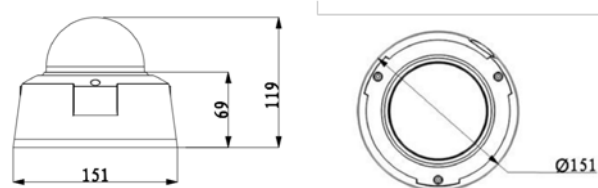
VSBKTA132

VSBKTA150

VSBKTA151

VSBKTB300C

Model	VSIP5MPVDIRM
General	
Camera Style	Weather/Vandal Resistant Dome
Image Sensor	1/2.5" 5.0 Megapixel Progressive Scan Aptina CMOS
Effective Pixels	2560 (H) x 1920 (V)
Signal Noise Ratio	> 50dB
Camera	
Lens	4 ~ 9mm F1.6 Motorised Lens with Auto Iris (DC)
Angle of View	86.5° (wide) ~ 28.6° (tele)
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)
Minimum Illumination	0.01 Lux at F1.6 (Colour) / 0 Lux at F1.6 (IR on)
Day/Night	Auto (ICR) / Colour / B&W
White Balance	Auto
Noise Reduction	3D Digital Noise Reduction
Gain Control	Auto / Manual
Backlight Compensation	BLC / HLC / DWDR
Audio Input	1 ch. Input / 1ch. Output
Audio Compression	G.711a / G.711u / PCM
Alarm Interface	1 ch. input / 1 ch. output
Network Interface	RJ45 (10/100 Base-T)
Memory Slot	MicroSD slot up to 64GB
Bit Rate	H.264: 32K ~ 8192Kbps
ONVIF Conformance	ONVIF, PSIA, CGI Compliant
Smart Functions	N/A
Video	
Video Compression	H.264 / H.264B / H.264H / MJPEG
Resolution	Configurable from 5.0MP (2560 x 1920) to CIF (352 x 288)
Frame Rate	Main 5.0MP (1 ~ 12fps) / 3.0MP (1 ~ 20fps) / 1080p (1 ~ 25fps)
	Sub D1 and lower (1 ~ 25fps)
	Third N/A
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)
Environment	
Ingress Protection	IP66
Vandal Resistant	IK10
Maximum Infrared Range	20m
Power Input	12VDC / 24VAC / PoE (802.3af)
Power Consumption	< 7W
Dimensions	Ø151 x 119mm
Weight	1.25kg
Operating Environment	-30° to 60°C / RH90% (max)
Product Dimensions	



4.0 Megapixel WDR Infrared Motorised Bullet

Model: VSIP4MPFBIRM



This multi-talented bullet camera offers superb performance, no matter the lighting conditions, with the features you need to build professional grade surveillance solutions.

Camera Features

- Stream up to 4.0 megapixel (2560 x 1440) at 20fps
- 2.7 ~ 12mm motorised lens with 100 ~ 33° viewing angles
- Day/night (auto ICR) with 50m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 128GB
- Audio and alarm interface input/output; BNC video output
- Supports triple stream and smart detection technologies
- IP67 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA121

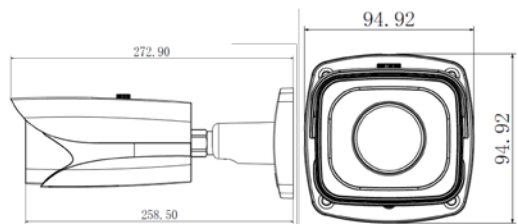


VSBKTA152



VSBKTA151

Model		VSIP4MPFBIRM
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/3" 4.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2688 (H) x 1520 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.7 ~ 12mm F1.4 Motorised Lens with Auto Iris (DC)	
Angle of View	100° (wide) ~ 33° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / AAC	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 16K ~ 10Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	
Video		
Video Compression	H.264H / H.264B / H.264 / MJPEG	
Resolution	Configurable from 4.0MP (2560 x 1440) to CIF (352 x 288)	
Frame Rate	Main	4.0MP (1~20fps) / 3.0MP and lower (1~25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1~5fps WDR on) / (1~18fps WDR off)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP67	
Vandal Resistant	N/A	
Maximum Infrared Range	50m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 11.5W	
Dimensions	273 x 95 x 95mm	
Weight	1.1kg	
Operating Environment	-40° to 60°C / RH95% (max)	
Product Dimensions		



4.0 Megapixel WDR Infrared Motorised Dome

Model: VSIP4MPVDIRM



This multi-talented dome camera offers superb performance, no matter the lighting conditions, with the features you need to build professional grade surveillance solutions.

Camera Features

- Stream up to 4.0 megapixel (2560 x 1440) at 20fps
- 2.7 ~ 12mm motorised lens with 100 ~ 33° viewing angles
- Day/night (auto ICR) with 50m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 128GB
- Audio and alarm interface input/output; BNC video output
- Supports triple stream and smart detection technologies
- IP67/IK10 weather/vandal resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA101

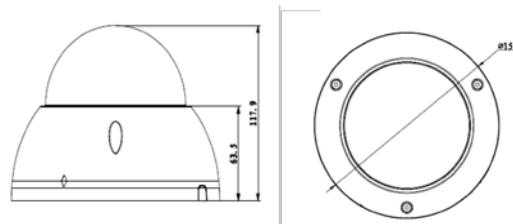
VSBKTB302S

VSBKTA150

VSBKTA151

VSBKTB300C

Model		VSIP4MPVDIRM
General		
Camera Style	Weather/Vandal Resistant Dome	
Image Sensor	1/3" 4.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2688 (H) x 1520 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.7 ~ 12mm F1.4 Motorised Lens with Auto Iris (DC)	
Angle of View	100° (wide) ~ 33° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / AAC	
Alarm Interface	1 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 32K ~ 10Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	
Video		
Video Compression	H.264 / H.264B / H.264H / MJPEG	
Resolution	Configurable from 4.0MP (2560 x 1440) to CIF (352 x 288)	
Frame Rate	Main	4.0MP (1~20fps) / 3.0MP and lower (1~25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1~5fps WDR on) / (1~18fps WDR off)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP67	
Vandal Resistant	IK10	
Maximum Infrared Range	50m	
Power Input	12VDC / 24VAC (optional) / PoE (802.3af)	
Power Consumption	< 10W	
Dimensions	Ø159 x 118mm	
Weight	0.80kg	
Operating Environment	-40° to 60°C / RH95% (max)	
Product Dimensions		



3.0 Megapixel Infrared Varifocal Bullet

Model: VSIP3MPFBIRV2



The powerful and versatile manual varifocal range offers strong image performance, resolution beyond full HD 1080p and professional grade surveillance features such as edge recording.

Camera Features

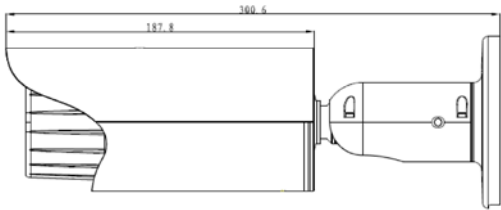
- Stream up to 3.0 megapixel (2048 x 1536) at 20fps
- 2.7 ~ 12mm varifocal lens with 82 ~ 25° viewing angles
- Day/night (auto ICR) with 30m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/output; BNC video output
- Power via 12VDC or Power over Ethernet (802.3af); 24VAC optional
- IP66 rated housing for external use
- Profile S ONVIF compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP3MPFBIRV2
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/3" 3.0 Megapixel Progressive Scan Aptina CMOS	
Effective Pixels	2048 (H) x 1536 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.7 ~ 12mm F1.4 Varifocal Lens with Auto Iris (DC)	
Angle of View	82° (wide) ~ 25° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 32K ~ 8192Kbps	
ONVIF Conformance	Profile S Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 3.0MP (2048 x 1536) to CIF (352 x 288)	
Frame Rate	Main	3.0MP (1 ~ 20fps) / 1080p and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	30m	
Power Input	12VDC / 24VAC (optional) / PoE (802.3af)	
Power Consumption	< 7W	
Dimensions	Ø104 x 307mm	
Weight	1.25kg	
Operating Environment	-20° to 60°C / RH90% (max)	
Product Dimensions		



3.0 Megapixel Infrared Varifocal Dome

Model: VSIP3MPVDIRV2



The powerful and versatile manual varifocal range offers strong image performance, resolution beyond full HD 1080p and professional grade surveillance features such as edge recording.

Camera Features

- Stream up to 3.0 megapixel (2048 x 1536) at 20fps
- 2.7 ~ 12mm varifocal lens with 82° ~ 25° viewing angles
- Day/night (auto ICR) with 20m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/output; BNC video output
- Power via 12VDC, 24VAC or Power over Ethernet (802.3af)
- IP66 and IK10 rated housing for external use
- Profile S ONVIF compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA100

VSBKTB302S

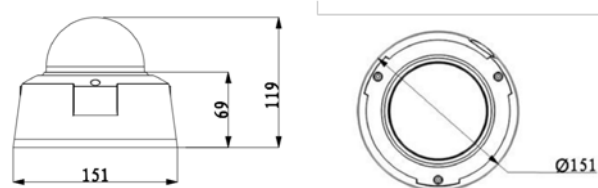
VSBKTA132

VSBKTA150

VSBKTA151

VSBKTB300C

Model	VSIP3MPVDIRV2
General	
Camera Style	Weather/Vandal Resistant Dome
Image Sensor	1/3" 3.0 Megapixel Progressive Scan Aptina CMOS
Effective Pixels	2048 (H) x 1536 (V)
Signal Noise Ratio	> 50dB
Camera	
Lens	2.7 ~ 12mm F1.4 Varifocal Lens with Auto Iris (DC)
Angle of View	82° (wide) ~ 25° (tele)
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)
Minimum Illumination	0.1 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)
Day/Night	Auto (ICR) / Colour / B&W
White Balance	Auto
Noise Reduction	3D Digital Noise Reduction
Gain Control	Auto / Manual
Backlight Compensation	BLC / HLC / DWDR
Audio Input	1 ch. Input / 1ch. Output
Audio Compression	G.711a / G.711u / PCM
Alarm Interface	1 ch. input / 1 ch. output
Network Interface	RJ45 (10/100 Base-T)
Memory Slot	MicroSD slot up to 64GB
Bit Rate	H.264: 32K ~ 8192Kbps
ONVIF Conformance	Profile S Compliant
Smart Functions	N/A
Video	
Video Compression	H.264 / MJPEG
Resolution	Configurable from 3.0MP (2048 x 1536) to CIF (352 x 288)
Frame Rate	Main 3.0MP (1 ~ 20fps) / 1080p and lower (1 ~ 25fps)
	Sub D1 and lower (1 ~ 25fps)
	Third N/A
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)
Environment	
Ingress Protection	IP66
Vandal Resistant	IK10
Maximum Infrared Range	20m
Power Input	12VDC / 24VAC / PoE (802.3af)
Power Consumption	< 5W
Dimensions	Ø151 x 119mm
Weight	1.25kg
Operating Environment	-20° to 60°C / RH90% (max)
Product Dimensions	



Product Variants by Model

VSIP3MPVDIRM	3 ~ 9mm Motorised Lens (86.5° (wide) ~ 28.6° (tele))
--------------	--

2.0 Megapixel Ultra Low-light Infrared Motorised Bullet

Model: VSIP2MPFBIRL



The ultimate in low-light and wide dynamic range. This camera's large sensor and WDR provide impressive detail retention in colour in even the most challenging of lighting conditions.

Camera Features

- Stream up to 2.0 megapixel (1920 x 1080) at 50fps
- Excellent low light colour performance 0.005 Lux at F/1.65
- 4 ~ 8mm motorised lens with 90 ~ 58° viewing angles
- Electronic image stabilisation, defog and 4 area privacy masking
- Day/night (auto ICR) with 50m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- MicroSD card slot for at-the-edge recording, up to 128GB
- Supports triple stream and smart detection technologies
- Audio and alarm interface input/output; BNC video output
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA121

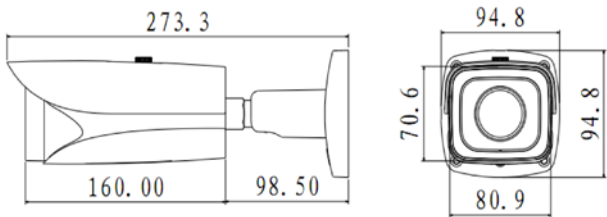


VSBKTA152



VSBKTA151

Model		VSIP2MPFBIRL
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/1.9" 2.0 Megapixel Progressive Scan CMOS	
Effective Pixels	1920 (H) x 1080 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4 ~ 8mm F1.65 Motorised Lens with Auto Iris (DC)	
Angle of View	90° (wide) ~ 58° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.005 Lux at F1.65 (Colour) / 0 Lux at F1.65 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 32K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection / Audio Detection / Defocus Detection / People Counting / Heat Map	
Video		
Video Compression	H.264H / H.264B / H.264 / MJPEG	
Resolution	Configurable from 2.0MP (1920 x 1080) to CIF (352 x 288)	
Frame Rate	Main	1080p and lower (1 ~ 50fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	1080p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	50m	
Power Input	12VDC / 24VAC (optional) / PoE (802.3af)	
Power Consumption	< 12.5W	
Dimensions	273 x 95 x 95mm	
Weight	1.25kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



2.0 Megapixel Ultra Low-light Infrared Motorised Dome

Model: VSIP2MPVDIRL



The ultimate in low-light and wide dynamic range. This camera's large sensor and WDR provide impressive detail retention in colour in even the most challenging of lighting conditions.

Camera Features

- Stream up to 2.0 megapixel (1920 x 1080) at 50fps
- Excellent low light colour performance 0.005 Lux at F/1.65
- 4 ~ 8mm motorised lens with 105° ~ 56° viewing angles
- Electronic image stabilisation, defog and 4 area privacy masking
- Day/night (auto ICR) with 30m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- MicroSD card slot for at-the-edge recording, up to 64GB
- Supports triple stream and smart detection technologies
- Audio and alarm interface input/output; BNC video output
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA100

VSBKTB302S

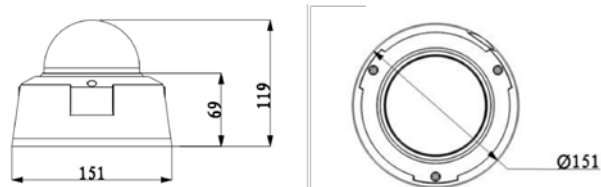
VSBKTA132

VSBKTA150

VSBKTA151

VSBKTB300C

Model		VSIP2MPVDIRL
General		
Camera Style	Weather/Vandal Resistant Dome	
Image Sensor	1/1.9" 2.0 Megapixel Progressive Scan CMOS	
Effective Pixels	1920 (H) x 1080 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4 ~ 8mm F1.65 Motorised Lens with Auto Iris (DC)	
Angle of View	105° (wide) ~ 56° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.005 Lux at F1.65 (Colour) / 0 Lux at F1.65 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u	
Alarm Interface	1 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 32K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection / Audio Detection / Defocus Detection / People Counting / Heat Map	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 2.0MP (1920 x 1080) to CIF (352 x 288)	
Frame Rate	Main	1080p and lower (1 ~ 50fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	1080p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	IP66	
Vandal Resistant	IK10	
Maximum Infrared Range	30m	
Power Input	12VDC / 24VAC / PoE (802.3af)	
Power Consumption	< 12W	
Dimensions	Ø151 x 119mm	
Weight	1.25kg	
Operating Environment	-30° to 60°C / RH90% (max)	
Product Dimensions		



3.0 Megapixel Infrared Motorised Bullet

Model: VSIP3MPFBIRM2.8-12



Megapixel resolution your customers demand, with the convenience of easy installation you desire. Achieve more for less with the VIP Vision motorised varifocal surveillance range.

Camera Features

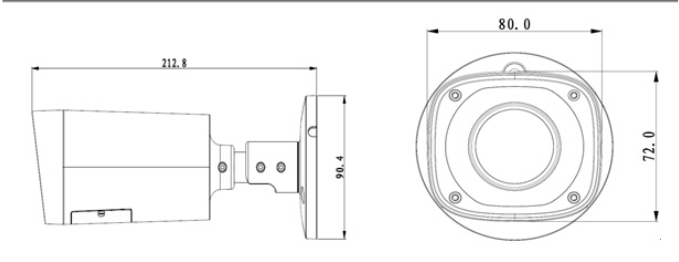
- Stream up to 3.0 megapixel (2048 x 1536) at 20fps
- 2.8 ~ 12mm motorised lens with 92 ~ 28° viewing angles
- Day/night (auto ICR) with 30m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- IP66 rated housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP3MPFBIRM2.8-12
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/3" 3.0 Megapixel Progressive Scan Aptina CMOS	
Effective Pixels	2048 (H) x 1536 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.8 ~ 12mm F1.4 Motorised Lens with Fixed Iris	
Angle of View	92° (wide) ~ 28° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264; 40K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / H.264H / MJPEG	
Resolution	Configurable from 3.0MP (2048 x 1536) to CIF (352 x 288)	
Frame Rate	Main	3.0MP (1 ~ 20fps) / 1080p and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	30m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 8.5W	
Dimensions	72 x 80 x 213mm	
Weight	0.65kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



3.0 Megapixel Infrared Motorised Dome

Model: VSIP3MPVDIRM2.8-12



Megapixel resolution your customers demand, with the convenience of easy installation you desire. Achieve more for less with the VIP Vision motorised varifocal surveillance range.

Camera Features

- Stream up to 3.0 megapixel (2048 x 1536) at 20fps
- 2.8 ~ 12mm motorised lens with 92° ~ 28° viewing angles
- Day/night (auto ICR) with 20m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- IP66 and IK10 rated housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTB200W

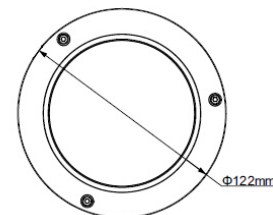
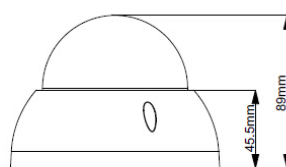
VSBKTB203W

VSBKTA123

VSBKTA151

VSBKTA152

Model		VSIP3MPVDIRM2.8-12
General		
Camera Style	Weather/Vandal Resistant Dome	
Image Sensor	1/3" 3.0 Megapixel Progressive Scan Aptina CMOS	
Effective Pixels	2048 (H) x 1536 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.8 ~ 12mm F1.4 Motorised Lens with Fixed Iris	
Angle of View	92° (wide) ~ 28° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 56K ~ 6144Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / H.264B / H.264H / MJPEG	
Resolution	Configurable from 3.0MP (2048 x 1536) to CIF (352 x 288)	
Frame Rate	Main	3.0MP (1 ~ 20fps) / 1080p and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	IP66	
Vandal Resistant	IK10	
Maximum Infrared Range	20m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 8.5W	
Dimensions	Ø122 x 89mm	
Weight	0.50kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



1.3 Megapixel Infrared Motorised Bullet

Model: VSIP1MPFBIRM



Megapixel resolution your customers demand, with the convenience of easy installation you desire. Achieve more for less with the VIP Vision motorised varifocal surveillance range.

Camera Features

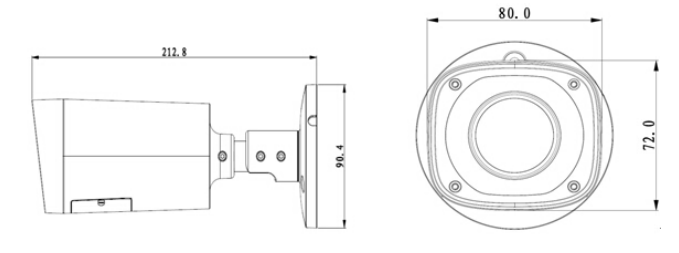
- Stream up to 1.3 megapixel (1280 x 960) at 25fps
- 2.8 ~ 12mm motorised lens with 92 ~ 28° viewing angles
- Day/night (auto ICR) with 30m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- IP66 rated housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP1MPFBIRM
General		
Camera Style	Weather Resistant Bullet	
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Effective Pixels	1280 (H) x 960 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.8 ~ 12mm F1.4 Motorised Lens with Fixed Iris	
Angle of View	92° (wide) ~ 28° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 40K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / H.264H / MJPEG	
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	30m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 8.5W	
Dimensions	72 x 80 x 213mm	
Weight	0.65kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



1.3 Megapixel Infrared Motorised Dome

Model: VSIP1MPVDIRM



Megapixel resolution your customers demand, with the convenience of easy installation you desire. Achieve more for less with the VIP Vision motorised varifocal surveillance range.

Camera Features

- Stream up to 1.3 megapixel (1280 x 960) at 25fps
- 2.8 ~ 12mm motorised lens with 92° ~ 28° viewing angles
- Day/night (auto ICR) with 20m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- IP66 and IK10 rated housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTB200W

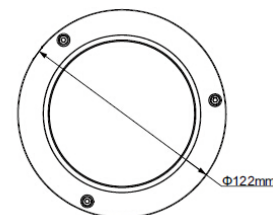
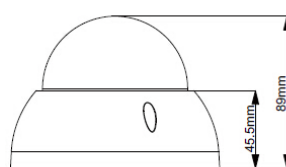
VSBKTB203W

VSBKTA123

VSBKTA151

VSBKTA152

Model		VSIP1MPVDIRM
General		
Camera Style	Weather/Vandal Resistant Dome	
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Effective Pixels	1280 (H) x 960 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	2.8 ~ 12mm F1.4 Motorised Lens with Fixed Iris	
Angle of View	92° (wide) ~ 28° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.4 (Colour) / 0 Lux at F1.4 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 40K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / H.264H / MJPEG	
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	IP66	
Vandal Resistant	IK10	
Maximum Infrared Range	20m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 7.5W	
Dimensions	Ø122 x 89mm	
Weight	0.50kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



4.0 Megapixel WDR Infrared Fixed Mini Bullet

Model: VSIP4MPFBMINIIR



Takes fixed-lens IP surveillance to professional standards. Experience twice the resolution of full HD 1080p, wide dynamic range and smart detection features such as face detection.

Camera Features

- Stream up to 4.0 megapixel (2560 x 1440) at 20fps
- 3.6mm fixed lens with 84° viewing angle
- Day/night (auto ICR) with 40m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- Supports triple stream and smart detection technologies
- IP67 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA121

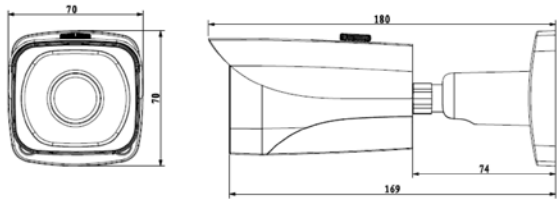


VSBKTA152



VSBKTA151

Model		VSIP4MPFBMINIIR
General		
Camera Style	Weather Resistant Mini Bullet	
Image Sensor	1/3" 4.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2688 (H) x 1520 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	3.6mm F2.1 Fixed Lens	
Angle of View	84°	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F2.1 (Colour) / 0 Lux at F2.1 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 32K ~ 10Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	
Video		
Video Compression	H.264 / H.264B / H.264H / MJPEG	
Resolution	Configurable from 4.0MP (2560 x 1440) to CIF (352 x 288)	
Frame Rate	Main	4.0MP (1~20fps) / 3.0MP and lower (1~25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1~5fps WDR on) / (1~18fps WDR off)
Video Output	N/A	
Environment		
Ingress Protection	IP67	
Vandal Resistant	N/A	
Maximum Infrared Range	40m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 6W	
Dimensions	70 x 70 x 180mm	
Weight	0.40kg	
Operating Environment	-40° to 60°C / RH95% (max)	
Product Dimensions		



3.0 Megapixel Infrared Fixed Mini Dome

Model: VSIP3MPVDMINIIRC



Impressive image quality, innovative infrared and vandal resistance in a compact package, the VIP Vision mini dome is perfect for all residential and small business IP surveillance applications.

Camera Features

- Stream up to 3.0 megapixel (2048 x 1536) at 20fps
- 3.6mm fixed lens with 72° viewing angle
- Day/night (auto ICR) with 30m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- IP66 and IK10 rated housing for external use
- Profile S ONVIF compliance
- Available in 2.8mm (90°) and 6.0mm (44°) lens configurations

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKT200W

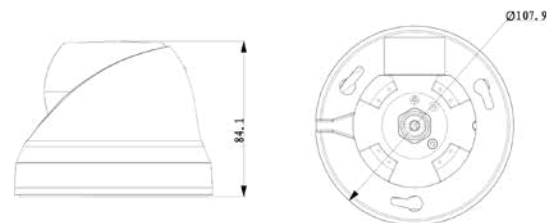
VSBKTA122

VSBKTA130

VSBKTA151

VSBKTA152

Model		VSIP3MPVDMINIIRC
General		
Camera Style	Weather/Vandal Resistant Mini Dome	
Image Sensor	1/3" 3.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2052 (H) x 1536 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	3.6mm F1.8 Fixed Lens	
Angle of View	72.5°	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F1.8 (Colour) / 0 Lux at F1.8 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	Built-in microphone	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 56K ~ 8192Kbps	
ONVIF Conformance	Profile S Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 3.0MP (2048 x 1536) to CIF (352 x 288)	
Frame Rate	Main	3.0MP (1 ~ 20fps) / 1080p and lower (1 ~ 25fps)
	Sub	D1 (1 ~ 20fps) / CIF (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	IP66	
Vandal Resistant	IK10	
Maximum Infrared Range	30m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 4.5W	
Dimensions	Ø108 x 84mm	
Weight	0.40kg	
Operating Environment	-20° to 60°C / RH95% (max)	
Product Dimensions		



Product Variants by Model	
VSIP3MPVDMINIIRC2.8	2.8mm F2.0 Fixed Lens (90°)
VSIP3MPVDMINIIRC6	6.0mm F1.6 Fixed Lens (44°)

1.3 Megapixel Infrared Fixed Mini Bullet

Model: VSIP1MPFBIRV4



Taking standard IP surveillance cameras to the next level with improved infrared capability, triple stream encoding and smart detection features such as face detection.

Camera Features

- Stream up to 1.3 megapixel (1280 x 960) at 25fps
- 3.6mm fixed lens with 74° viewing angle
- Day/night (auto ICR) with 40m maximum infrared range
- Back/highlight compensation with digital wide dynamic range
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- Supports triple stream and smart detection technology
- IP67 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA121

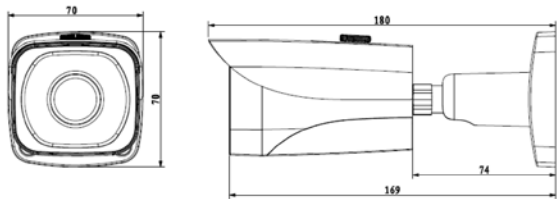


VSBKTA152



VSBKTA151

Model		VSIP1MPFBIRV4
General		
Camera Style	Weather Resistant Mini Bullet	
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Effective Pixels	1280 (H) x 960 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	3.6mm F2.2 Fixed Lens	
Angle of View	74°	
Electronic Shutter	Auto / Manual (1/3 ~ 1/100000s)	
Minimum Illumination	0.01 Lux at F2.2 (Colour) / 0 Lux at F2.2 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 32K ~ 10Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	
Video		
Video Compression	H.264 / H.264B / H.264H / MJPEG	
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1 ~ 14fps)
Video Output	N/A	
Environment		
Ingress Protection	IP67	
Vandal Resistant	N/A	
Maximum Infrared Range	40m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 5.5W	
Dimensions	70 x 70 x 180mm	
Weight	0.40kg	
Operating Environment	-40° to 60°C / RH95% (max)	
Product Dimensions		



1.3 Megapixel Infrared Fixed Mini Dome

Model: VSIP1MPVDMINIIRC



Impressive image quality, innovative infrared and vandal resistance in a compact package, the VIP Vision mini dome is perfect for all residential and small business IP surveillance applications.

Camera Features

- Stream up to 1.3 megapixel (1280 x 960) at 25fps
- 3.6mm fixed lens with 70° viewing angle
- Day/night (auto ICR) with 30m maximum infrared range
- Backlight/highlight compensation with digital WDR
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- IP66 and IK10 rated housing for external use
- Profile S ONVIF compliance
- Available in 2.8mm (90°) and 6.0mm (44°) lens configurations

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKT200W

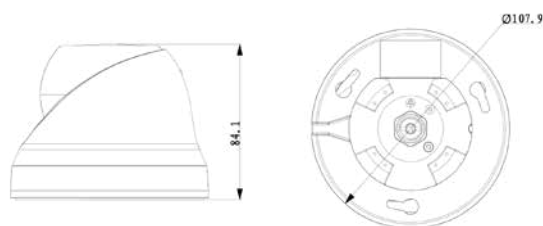
VSBKTA122

VSBKTA130

VSBKTA151

VSBKTA152

Model		VSIP1MPVDMINIIRC
General		
Camera Style	Weather/Vandal Resistant Mini Dome	
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Effective Pixels	1280 (H) x 960 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	3.6mm F1.6 Fixed Lens	
Angle of View	70°	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.05 Lux at F1.6 (Colour) / 0 Lux at F1.6	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	Built-in microphone	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 56K ~ 8192Kbps	
ONVIF Conformance	Profile S Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	IP66	
Vandal Resistant	IK10	
Maximum Infrared Range	30m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 4.5W	
Dimensions	Ø108 x 84mm	
Weight	0.40kg	
Operating Environment	-20° to 60°C / RH95% (max)	
Product Dimensions		



Product Variants by Model	
VSIP1MPVDMINIIRC2.8	2.8mm F1.6 Fixed Lens (90°)
VSIP1MPVDMINIIRC6	6.0mm F1.6 Fixed Lens (46°)

4.0 Megapixel WDR Infrared Fixed Mini Dome

Model: VSIP4MPVDMINIIR



Takes fixed-lens IP surveillance to professional standards. Experience twice the resolution of full HD 1080p, wide dynamic range and smart detection features such as face detection.

Camera Features

- Stream up to 4.0 megapixel (2560 x 1440) at 20fps
- 3.6mm fixed lens with 84° viewing angle
- Day/night (auto ICR) with 30m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- 3D digital noise reduction and auto white balance
- Power via 12VDC or Power over Ethernet (802.3af)
- Supports triple stream and smart detection technologies
- IP67/IK10 weather/vandal resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKT200W

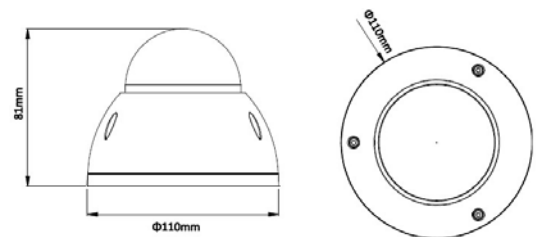
VSBKTA123

VSBKTA131

VSBKTA151

VSBKTA152

Model		VSIP4MPVDMINIIR
General		
Camera Style	Weather/Vandal Resistant Mini Dome	
Image Sensor	1/3" 4.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2688 (H) x 1520 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	3.6mm F2.0 Fixed Lens	
Angle of View	84°	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.01 Lux at F2.0 (Colour) / 0 Lux at F2.0 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 32K ~ 10Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	
Video		
Video Compression	H.264 / H.264B / H.264H / MJPEG	
Resolution	Configurable from 4.0MP (2560 x 1440) to CIF (352 x 288)	
Frame Rate	Main	4.0MP (1~20fps) / 3.0MP and lower (1~25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1~5fps WDR on) / (1~18fps WDR off)
Video Output	N/A	
Environment		
Ingress Protection	IP67	
Vandal Resistant	IK10	
Maximum Infrared Range	30m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 4W	
Dimensions	Ø110 x 81mm	
Weight	0.33kg	
Operating Environment	-40° to 60°C / RH95% (max)	
Product Dimensions		





Specialty Network Surveillance

Innovative, purpose built solutions for high order applications.

- Wide range of specialty cameras including PTZ, full body, fisheye and pinhole cams
- PTZ domes feature up to 20x optical zoom and up to 150m max. infrared range
- Perform the role of multiple cameras with a single VIP Vision fisheye camera
- Deliver impressive resolution with the VIP Vision 12.0 megapixel full body camera
- Covert and discreet surveillance applications made easy with the VSIP1MPPH

2.0 Megapixel Ultra WDR Laser IR 30x Zoom PTZ Dome

Model: VSIP2MPPTZIRL



The pinnacle in low-light performance with 0.005lx min. colour illumination, 500m laser infrared and 120dB WDR, this PTZ is a powerful surveillance solution in any lighting situation.

Camera Features

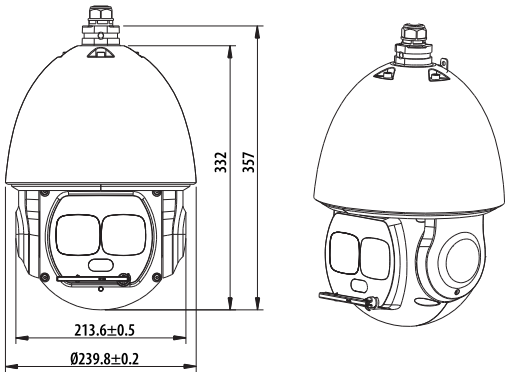
- Stream up to 2.0 megapixel (1920 x 1080) at 25fps
- 6.0 ~ 180mm 30x optical zoom lens with 51 ~ 1.8° viewing angles
- Auto tracking with 8 intelligent video analytics functions
- Ultra low-light at 0.005lx and true WDR (120dB)
- 2° ~ 60° beam angle laser infrared up to 500m
- Endless 360° panning with -10 ~ 90° tilt adjust; auto-flip 180°
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/output
- Features lens/IR wiper, ultra DNR and defog functionality
- IP67 weather resistant housing for external use

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP2MPPTZIRL
General		
Camera Style	Weather Resistant Auto-Tracking PTZ Dome	
Image Sensor	1/1.9" 2.0 Megapixel Progressive Scan Exmor CMOS	
Effective Pixels	1944 (H) x 1092 (V)	
Signal Noise Ratio	> 56dB	
Camera		
Lens	6.0 ~ 180mm F1.6 ~ F4.8 Motorised Lens	
Angle of View	51.2° (wide) ~ 1.8° (tele)	
Electronic Shutter	Auto / Manual (1/1 ~ 1/30000s)	
Minimum Illumination	0.005 Lux at F1.6 (Colour) / 0.0005 Lux at F1.6 (B&W)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual / ATW / Indoor / Outdoor	
Noise Reduction	2D / 3D Ultra Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	1 ch. Input / 1 ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	7 ch. input / 2 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 56K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Auto Tracking (Single, Multiple & Panorama Scenes) / Tripwire / Warning Zone / Perimeter Protection / Loitering Detection / Abandoned Object / Missing Object / Illegal Parking / Fast Object Detection	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 2.0MP (1920 x 1080) to CIF (352 x 288)	
Frame Rate	Main	1080p and lower (1 ~ 25fps) / 720p (1 ~ 50fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
PTZ		
Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -10 ~ 90° / Auto-flip 180°	
Preset Speed	Pan: 240°/s; Tilt: 200°/s	
Manual Speed	Pan: 0.1 ~ 240°/s; Tilt: 120°/s	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Presets	Up to 300	
Speed Setup	Human oriented speed & focal length adaptation	
Start-up Action	Auto-restore to previous PTZ/lens status	
Environment		
Ingress Protection	IP67	
Vandal Resistant	N/A	
Maximum Infrared Range	500m; Auto/Manual beam angle control; 2° ~ 60°	
Power Input	24VAC / Hi-PoE	
Power Consumption	20W / 43W (IR & Heater on)	
Dimensions	Ø240 x 357mm	
Weight	6.75kg	
Operating Environment	-40°C to 70°C / RH90% (max)	
Product Dimensions		



2.0 Megapixel Laser Infrared 40x Zoom PTZ Dome

Model: VSIP2MPPTZIRZ



An outstanding performer in long range surveillance applications, this formidable 40x optical zoom PTZ is also equipped with 500m laser infrared and configurable auto-tracking.

Camera Features

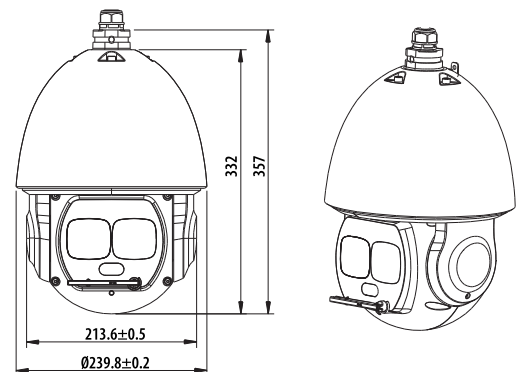
- Stream up to 2.0 megapixel (1920 x 1080) at 25fps
- 7.9 ~ 316mm 40x optical zoom lens with 41 ~ 1.1° viewing angles
- Auto tracking with 8 intelligent video analytics functions
- Day/night (auto ICR) with back/highlight compensation
- 2° ~ 60° beam angle laser infrared up to 500m
- Endless 360° panning with -10 ~ 90° tilt adjust; auto-flip 180°
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/output
- Features lens/IR wiper, ultra DNR and defog functionality
- IP67 weather resistant housing for external use

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP2MPPTZIRZ
General		
Camera Style	Weather Resistant Auto-Tracking PTZ Dome	
Image Sensor	1/2.8" 2.0 Megapixel Progressive Scan Exmor CMOS	
Effective Pixels	1944 (H) x 1092 (V)	
Signal Noise Ratio	> 55dB	
Camera		
Lens	7.9 ~ 316mm F1.6 ~ F6.1 Motorised Lens	
Angle of View	41.5° (wide) ~ 1.1° (tele)	
Electronic Shutter	Auto / Manual (1/1 ~ 1/30000s)	
Minimum Illumination	0.05 Lux at F1.6 (Colour) / 0.005 Lux at F1.6 (B&W)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual / ATW / Indoor / Outdoor	
Noise Reduction	2D / 3D Ultra Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1 ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	7 ch. input / 2 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 56K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Auto Tracking (Single, Multiple & Panorama Scenes) / Tripwire / Warning Zone / Perimeter Protection / Loitering Detection / Abandoned Object / Missing Object / Illegal Parking / Fast Object Detection	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 2.0MP (1920 x 1080) to CIF (352 x 288)	
Frame Rate	Main	1080p and lower (1 ~ 25fps) / 720p (1 ~ 50fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1 ~ 25fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
PTZ		
Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -10 ~ 90° / Auto-flip 180°	
Preset Speed	Pan: 240°/s; Tilt: 200°/s	
Manual Speed	Pan: 0.1 ~ 240°/s; Tilt: 200°/s	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Presets	Up to 80	
Speed Setup	Human oriented speed & focal length adaptation	
Start-up Action	Auto-restore to previous PTZ/lens status	
Environment		
Ingress Protection	IP67	
Vandal Resistant	N/A	
Maximum Infrared Range	500m; Auto/Manual beam angle control; 2° ~ 60°	
Power Input	24VAC / Hi-PoE	
Power Consumption	20W / 43W (IR & Heater on)	
Dimensions	Ø240 x 357mm	
Weight	6.75kg	
Operating Environment	-40°C to 70°C / RH90% (max)	
Product Dimensions		



3.0 Megapixel WDR Infrared 20x Zoom PTZ Dome

Model: VSIP3MPPTZIRV2



A strong performer in all environments, this highly versatile PTZ is adept in challenging lighting conditions with WDR and up to 150m infrared range in complete darkness.

Camera Features

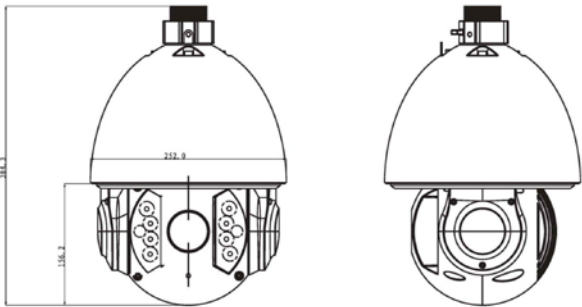
- Stream up to 3.0 megapixel (2048 x 1536) at 15fps
- 4.7 ~ 94.0mm 20x zoom lens with 55.4 ~ 2.9° viewing angles
- Day/night (auto ICR) with 150m maximum infrared range
- Wide dynamic range (120db) with back/highlight compensation
- MicroSD card slot for at-the-edge recording, up to 64GB
- Endless 360° panning with -10 ~ 90° tilt adjust; auto-flip 180°
- Configure PTZ patterns, tours, auto-panning/scanning
- Audio and alarm interface input/output; BNC video output
- IP66 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP3MPPTZIRV2
General		
Camera Style	Weather Resistant PTZ Dome	
Image Sensor	1/3" 3.0 Megapixel Progressive Scan CMOS	
Effective Pixels	2048 (H) x 1536 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	4.7 ~ 94mm F1.6 ~ F3.5 Motorised Lens	
Angle of View	55.4° (wide) ~ 2.9° (tele)	
Electronic Shutter	Auto / Manual (1/1 ~ 1/30000s)	
Minimum Illumination	0.05 Lux at F1.6 (Colour) / 0 Lux at F1.6 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / ATW / Indoor / Outdoor / Manual	
Noise Reduction	2D / 3D Ultra Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (120dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	7 ch. input / 2 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 56K ~ 8192Kbps	
ONVIF Conformance	Profile S Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 3.0MP (2048 x 1536) to CIF (352 x 288)	
Frame Rate	Main	3.0MP (1 ~ 15fps) / 1080p and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
PTZ		
Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -10 ~ 90° / Auto-flip 180°	
Preset Speed	Pan: 240°/s; Tilt: 200°/s	
Manual Speed	Pan: 0.1 ~ 200°/s; Tilt: 0.1 ~ 120°/s	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Presets	Up to 80	
Speed Setup	Human oriented speed & focal length adaptation	
Start-up Action	Auto-restore to previous PTZ/lens status	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	150m	
Power Input	24VAC	
Power Consumption	20W / 43W (IR & Heater on)	
Dimensions	Ø252 x 384.3mm	
Weight	6.75kg	
Operating Environment	-40° to 70°C / RH90% (max)	
Product Dimensions		



2.0 Megapixel 12x Zoom Mini PTZ Dome

Model: VSIP2MPPTZ



Available in surface or recessed mount models, this compact PTZ is ideal for indoor and outdoor environments and offers professional features such as edge recording and alarm integration.

Camera Features

- Stream up to 2.0 megapixel (1920 x 1080) at 25fps
- 5.1 ~ 61.2mm 12x optical zoom lens (51.5 ~ 4.5° viewing angles)
- Day/night (auto ICR) with back/highlight compensation
- MicroSD card slot for at-the-edge recording, up to 64GB
- Endless 360° panning with -2 ~ 90° tilt adjust; auto-flip 180°
- Configure PTZ patterns, tours, auto-panning/scanning
- Audio and alarm interface input/output
- ONVIF, PSIA and CGI compliance
- IP66/IK10 weather/vandal resistant housing for external use
- Available in recessed or surface mount models

Compatible Accessories

Accessories sold separately, adapters may be required.



VS BKTA102

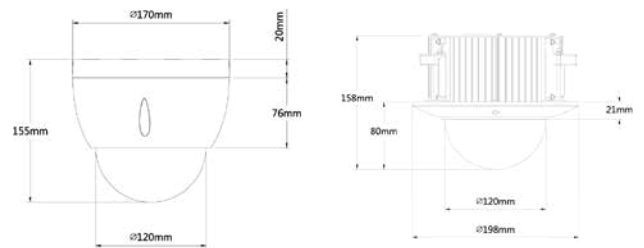
VS BKTB302S

VS BKTA152

VS BKTA151

VS BKTB300C

Model		VSIP2MPPTZ
General		
Camera Style	Weather/Vandal Resistant Mini PTZ Dome	
Image Sensor	1 / 2.8" 2.0 Megapixel Progressive Scan Exmor CMOS	
Effective Pixels	1944 (H) x 1092 (V)	
Signal Noise Ratio	> 55dB	
Camera		
Lens	5.1 ~ 61.2mm Motorised Lens with 12x Optical Zoom	
Angle of View	51.3° (wide) ~ 4.64° (tele)	
Electronic Shutter	Auto / Manual (1/3 ~ 1/30000s)	
Minimum Illumination	0.05 Lux at F1.6 (Colour) / 0.005 Lux at F1.6 (B&W)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / ATW / Indoor / Outdoor / Manual	
Noise Reduction	2D / 3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 448K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 2.0MP (1920 x 1080) to CIF (352 x 288)	
Frame Rate	Main	1080p and D1 (1 ~ 25fps) / 720p (1 ~ 50fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
PTZ		
Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -2 ~ 90° / Auto-flip 180°	
Preset Speed	Pan: 300°/s; Tilt: 200°/s	
Manual Speed	Pan: 0.1° ~ 300°/s; Tilt: 0.1° ~ 120°/s	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Presets	Up to 80	
Speed Setup	Human oriented speed & focal length adaptation	
Start-up Action	Auto-restore to previous PTZ/lens status	
Environment		
Ingress Protection	IP66	
Vandal Resistant	IK10	
Maximum Infrared Range	N/A	
Power Input	24VAC / PoE+ (802.3at)	
Power Consumption	< 12W	
Dimensions	Ø170 x 155mm	
Weight	1.8kg	
Operating Environment	-20° to 60°C / RH90% (max)	
Product Dimensions		



Product Variants by Model	
VSIP2MPPTZC	Recessed ceiling mount housing

1.3 Megapixel Infrared 20x Zoom PTZ Dome

Model: VSIP1MPPTZIR



Ideal for large surveillance areas, this speed dome offers more than just rapid response PTZ functionality, featuring recording at the edge and up to 100m infrared range.

Camera Features

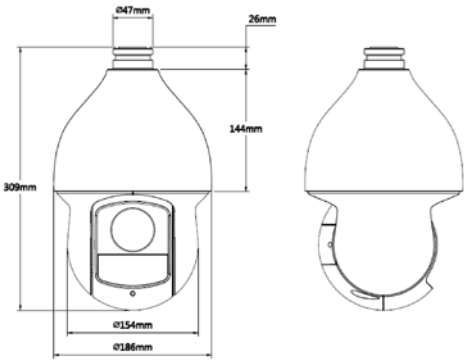
- Stream up to 1.3 megapixel (1280 x 960) at 25fps
- 4.7 ~ 94.0mm 20x zoom lens with 54.1 ~ 3.2° viewing angles
- Day/night (auto ICR) with 100m maximum infrared range
- Backlight/highlight compensation with digital WDR
- MicroSD card slot for at-the-edge recording, up to 64GB
- Endless 360° panning with -15 ~ 90° tilt adjust; auto-flip 180°
- Configure PTZ patterns, tours, auto-panning/scanning
- Audio and alarm interface input/outputs
- IP66 weather resistant housing for external use
- ONVIF, PSIA and CGI compliance

Compatible Accessories

Accessories sold separately, adapters may be required.



Model		VSIP1MPPTZIR
General		
Camera Style	Weather Resistant PTZ Dome	
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Effective Pixels	1280 (H) x 960 (V)	
Signal Noise Ratio	> 55dB	
Camera		
Lens	4.7 ~ 94mm Motorised Lens (20x Optical Zoom)	
Angle of View	54° (wide) ~ 3° (tele)	
Electronic Shutter	Auto / Manual (1/1 ~ 1/30000s)	
Minimum Illumination	0.05 Lux at F1.4 (Colour) / 0.005 Lux at F1.4 (B&W)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / ATW / Indoor / Outdoor / Manual	
Noise Reduction	2D / 3D Ultra Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 448K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
PTZ		
Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -15 ~ 90° / Auto-flip 180°	
Preset Speed	Pan: 400°/s; Tilt: 300°/s	
Manual Speed	Pan: 0.1 ~ 300°/s; Tilt: 0.1 ~ 200°/s	
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Presets	Up to 300	
Speed Setup	Human oriented speed & focal length adaptation	
Start-up Action	Auto-restore to previous PTZ/lens status	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	80m (12VDC) / 100m (24VAC)	
Power Input	12VDC / 24VAC / PoE+ (802.3at)	
Power Consumption	< 23W	
Dimensions	Ø186 x 309mm	
Weight	3.5kg	
Operating Environment	-30° to 60°C / RH90% (max)	
Product Dimensions		



12.0 Megapixel Full Body Camera

Model: VSIP12MPFB



Go beyond Ultra High Definition. Ensure you have the video evidence when it matters most with footage six times the image resolution of full high definition 1080p.

Camera Features

- Stream up to 12.0 megapixel (4000 x 3000) at 12fps
- Auto back-focus, electronic image stabilisation and defog
- Privacy masking and region of interest up to 4 areas
- Day/night (auto ICR), back/highlight compensation & DWDR
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 128GB
- Supports triple stream technology
- Audio and alarm interface input/output; BNC video output
- Power via 12VDC, 24VAC or Power over Ethernet (802.3af)
- C/CS mount type fits most megapixel lenses

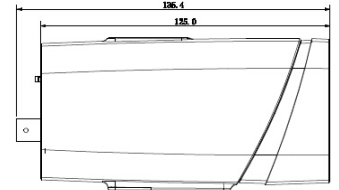
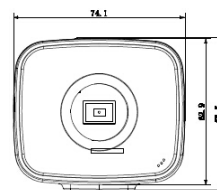
Compatible Accessories

Accessories sold separately, adapters may be required.



VSLA4.1-9U

Model		VSIP12MPFB
General		
Camera Style	Full Body	
Image Sensor	1/2.3" 12.0 Megapixel Progressive Scan CMOS	
Effective Pixels	4000 (H) x 3000 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	Lens not included, C/CS Lens Mount	
Angle of View	N/A	
Electronic Shutter	Auto / Manual (1/3 ~ 1/10000s)	
Minimum Illumination	0.1 Lux at F1.2 (Colour) / 0.01 Lux at F1.2 (B&W)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1ch. Output (built-in mic)	
Audio Compression	G.711a / G.711u	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100/1000 Base-T)	
Memory Slot	MicroSD slot up to 128GB	
Bit Rate	H.264: 32K ~ 96Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Auto Back-focus / Electronic Image Stabilisation / Defog	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)	
Frame Rate	Main	12.0MP (1 ~ 12fps) / 8.0MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 50fps)
	Third	1080p and lower (1 ~ 50fps)
Video Output	1 channel, BNC (1.0Vp-p, 75 ohm)	
Environment		
Ingress Protection	N/A	
Vandal Resistant	N/A	
Maximum Infrared Range	N/A	
Power Input	12VDC / 24VAC / PoE (802.3af)	
Power Consumption	< 12W	
Dimensions	74 x 66 x 135mm	
Weight	0.30kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



12.0 Megapixel Infrared Fisheye Dome

Model: VSIP12MPFEIR



Designed to perform the duties of multiple cameras, the Fisheye range from VIP Vision transforms your surveillance experience through panoramic and virtual PTZ modes .

Camera Features

- Stream up to 12.0 megapixel (4000 x 3000) at 15fps
- 1.57mm circular fisheye lens with 185° (H/V/D) viewing angle
- Five fisheye image dewarp modes including ePTZ & panorama
- Day/night (auto ICR) with 10m maximum infrared range
- 3D digital noise reduction and auto white balance
- MicroSD card slot for at-the-edge recording, up to 64GB
- Audio and alarm interface input/outputs
- Power via 12VDC or Power over Ethernet (802.3af)
- IP67/IK10 weather/vandal resistant housing for external use
- ONVIF, PSIA and CGI compliance

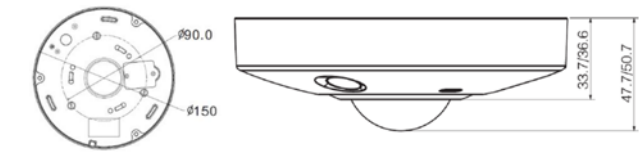
Compatible Accessories

Accessories sold separately, adapters may be required.



VSBKTA100 VSBKTB302S VSBKTA132 VSBKTA150 VSBKTA151 VSBKTB300C

Model		VSIP12MPFEIR
General		
Camera Style	Weather/Vandal Resistant Fisheye Dome	
Image Sensor	1/2.3" 12.0 Megapixel Progressive Scan CMOS	
Effective Pixels	4000 (H) x 3000 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	1.57mm F2.2 Fixed Circular Fisheye Lens	
Angle of View	185° (horizontal/vertical/diagonal)	
Electronic Shutter	Auto/Manual, 1/3 ~ 1/10000s	
Minimum Illumination	0.01 Lux at F2.2 (Colour) / 0 Lux at F2.2 (IR on)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	1 ch. Input / 1ch. Output (built-in mic)	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	2 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100/1000 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 40K ~ 12Mbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / H.264H / MJPEG / JPEG	
Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)	
Frame Rate	Main	12.0MP (1 ~ 15fps) / 3.0MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Fisheye		
Lens Type	Circular Fisheye Lens	
Dewarping Modes	Original / 360° Panorama / Dual 180° Panorama / Overview + 3 Views / Quad View Virtual PTZ / Single View Virtual PTZ	
Environment		
Ingress Protection	IP67	
Vandal Resistant	IK10	
Maximum Infrared Range	10m	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 13W	
Dimensions	Ø150 x 51mm	
Weight	0.58kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		



2.0 Megapixel Infrared Mobile PTZ Camera

Model: VSIP2MPPTZIRM



Purpose built to be integrated into large vehicles such as earth moving equipment, the design of the VIP Vision Mobile PTZ camera offers a robust and versatile vehicle surveillance experience.

Camera Features

- Stream up to 2.0 megapixel (1920 x 1080) at 25fps
- 5.5 ~ 110mm 20x optical zoom lens with 51° ~ 2.6° viewing angles
- Versatile power supply: compatible with 8 ~ 36VDC vehicles
- Features up to 150m maximum infrared distance & lens wiper
- Day/night (auto ICR) with back/highlight compensation
- Durable, IP66 rated all-metal aluminium alloy construction
- Endless 360° panning with ultra-versatile -90° ~ 90° tilt adjust
- Configure PTZ patterns, tours and auto-scanning
- 6000V anti-lightning surge protection
- ONVIF profile S compliant

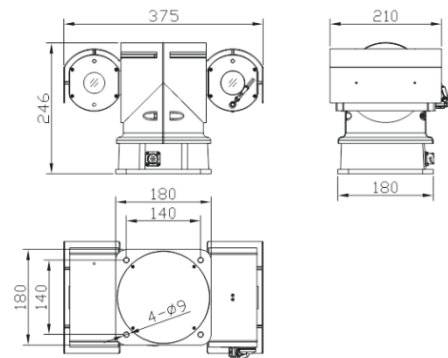
Compatible Accessories

The VSIP2MPPTZIRM is built to interface with mobile NVRs.



MNVR-GPS

Model		VSIP2MPPTZIRM
General		
Camera Style	Weather Resistant Mobile PTZ	
Image Sensor	1/2.8" 2.0 Megapixel Progressive Scan Exmor CMOS	
Effective Pixels	1944 (H) x 1092 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	5.5 ~ 110mm F1.6 ~ F3.5 Motorised Lens	
Angle of View	51° (wide) ~ 2.6° (tele)	
Electronic Shutter	Auto / Manual (1/1 ~ 1/30000s)	
Minimum Illumination	0.05 Lux at F1.6 (Colour) / 0.005 Lux at F1.6 (B&W)	
Day/Night	Auto (ICR) / Colour / B&W	
White Balance	Auto / Manual / ATW / Indoor / Outdoor	
Noise Reduction	2D / 3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	
Audio Compression	N/A	
Alarm Interface	N/A	
Network Interface	RJ45 (10/100 Base-T)	
Memory Slot	N/A	
Bit Rate	H.264: 56K ~ 8192Kbps	
ONVIF Conformance	Profile S Compliant	
Smart Functions	N/A	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 2.0MP (1920 x 1080) to CIF (352 x 288)	
Frame Rate	Main	1080p and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
PTZ		
Pan / Tilt Range	Pan: 0 ~ 360° (endless) / Tilt: -90° ~ 90°	
Preset Speed	Pan: 60°/s; Tilt: 30°/s	
Manual Speed	Pan: 60°/s; Tilt: 30°/s	
PTZ Mode	4 Pattern, 4 Tour, Auto Scan	
Presets	Up to 256	
Speed Setup	Human oriented speed & focal length adaptation	
Start-up Action	Auto-restore to previous PTZ/lens status	
Environment		
Ingress Protection	IP66	
Vandal Resistant	N/A	
Maximum Infrared Range	150m	
Power Input	8 ~ 36VDC	
Power Consumption	< 60W	
Dimensions	375 x 246 x 210mm	
Weight	8.50kg	
Operating Environment	-30°C to 65°C / RH90% (max)	
Product Dimensions		



1.3 Megapixel WDR Fixed Pinhole Bullet

Model: VSIP1MPPH



This wide-dynamic IP pinhole camera is designed for discreet/covert surveillance applications and is ideal for use at controlled ingress points, in shelf surveillance, in-vehicles, ATMs and more.

Camera Features

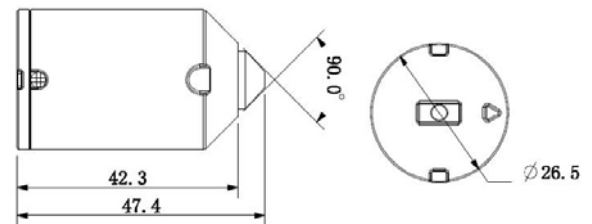
- Stream up to 1.3 megapixel (1280 x 960) at 25fps
- 3.7mm fixed lens with 77° viewing angle
- Day/night (electronic), 3D noise reduction & auto white balance
- Wide dynamic range (100dB) with back/highlight compensation
- Discreet pinhole profile: 12mm diameter / 5mm depth
- Smart detection support incl. face detection and scene change
- MicroSD card slot for at-the-edge recording, up to 64GB
- Power via 12VDC or Power over Ethernet (802.3af)
- ONVIF, PSIA and CGI compliance

Compatible Accessories

The VSIP1MPPH features an image sensor & lens separated by an 8m cable connected to a control unit and is connected via USB port. This camera comes standard with:

- 1 x Adhesive-fastened flush mount bracket for pinhole mounting
- 1 x Screw-on clamp to secure pinhole camera
- 1 x Mounting kit for control unit with wall-plugs & screws

Model		VSIP1MPPH
General		
Camera Style	Pinhole Bullet	
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Effective Pixels	1280 (H) x 960 (V)	
Signal Noise Ratio	> 50dB	
Camera		
Lens	3.7mm F2.8 Fixed Lens	
Angle of View	77°	
Electronic Shutter	Auto/Manual, 1/3 ~ 1/10000s	
Minimum Illumination	0.01 Lux at F2.8 (Colour) / 0.001 Lux at F2.8 (B&W)	
Day/Night	Auto (electronic) / Colour / B&W	
White Balance	Auto / Manual	
Noise Reduction	3D Digital Noise Reduction	
Gain Control	Auto / Manual	
Backlight Compensation	BLC / HLC / WDR (100dB)	
Audio Input	1 ch. Input / 1ch. Output	
Audio Compression	G.711a / G.711u / PCM	
Alarm Interface	1 ch. input / 1 ch. output	
Network Interface	RJ45 (10/100/1000 Base-T)	
Memory Slot	MicroSD slot up to 64GB	
Bit Rate	H.264: 48K ~ 8192Kbps	
ONVIF Conformance	ONVIF, PSIA, CGI Compliant	
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	
Video		
Video Compression	H.264 / MJPEG	
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	N/A
Video Output	N/A	
Environment		
Ingress Protection	N/A	
Vandal Resistant	N/A	
Maximum Infrared Range	N/A	
Power Input	12VDC / PoE (802.3af)	
Power Consumption	< 7W	
Dimensions	110 x 83 x 24mm	
Weight	0.46kg	
Operating Environment	-30° to 60°C / RH95% (max)	
Product Dimensions		





HD Network Surveillance Kits

Built for rapid deployment of high performance IP surveillance.

- Comprehensive easy-install surveillance kits available in 4, 8 and 16 channel systems
- Available with built-in Power over Ethernet and pre-installed surveillance HDD
- Bundled cameras record up to 1.3MP (1280 x 960) in real-time (25fps)
- All-purpose cameras feature auto day/night, infrared and weather resistance
- Kits include all necessary cabling, with pre-terminated CAT5 looms & HDMI cable

Professional 4 Channel IP Surveillance Kit

Model: NVR4PROPACK2



Package Includes

- VIP Vision™ 4 Channel Professional NVR with built in PoE
- Pre-installed 1TB surveillance hard disk drive
- 4 x 1.3MP 40m infrared weather resistant bullet cameras
- CAT5 cabling for cameras: 2 x 10m, 1 x 20m, 1 x 30m
- CAT5 patch cable for networking: 1 x 1.5m

Product Overview

The VIP Vision NVR4PROPACK2 is a complete 4 channel network surveillance system, built for rapid installation and impressive results. It is an ideal CCTV package for business and residential applications, especially in small retail environments.

It is easy to achieve excellent high definition security, up to 1.3 megapixel resolution at 25fps, with the NVR4PROPACK2. Connecting cameras is performed quickly thanks to the built-in 4 port power over Ethernet switch and included pre-terminated CAT5 cables.

This kit comes with a pre-installed 1TB surveillance-grade hard drive, providing reliable footage storage and faster installation. Footage can also be exported via USB device or over the network

Enabling remote view is just as simple as installation with the QR code configuration tool. Simply connect the NVR to the Internet and scan the QR code with your smartphone to automatically configure remote view on your device. Remote view compatible with iOS, Android and Windows Phone. QR code for iOS and Android only.

NVR Model		NVR4PRO2
System		
Main Processor		Dual-core embedded processor
Operating System		Embedded Linux
Video Input		4 channel
Two-way Talk		1 channel input / 1 channel output / RCA
ONVIF Conformance		2.3 Conformance
Display		
Video Output		HDMI / VGA
Resolution		Configurable from 1920 x 1080 to 1024 x 768
Display Split		1/4
OSD		Camera title, Time, Video loss, Camera lock, Motion detection
Recording		
Video Compression		H.264 / MJPEG
Maximum Resolution		Configurable from 5.0MP(2560 x 1920) to CIF (352 x 288)
Incoming Bandwidth		200Mbps
Bit Rate		48 ~ 8192kbps
Detection		
Alarm Input / Output		4 channels input / 2 channels relay output
Trigger Events		Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection		Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup		
Playback Sync		1/4
Search Modes		Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes		USB Device / Network
Network		
Ethernet		1 RJ-45 port (10/100/1000M)
Power over Ethernet		4 ports (IEEE802.3af)
Max. User Access		128 users
Remote View		iOS (iPhone, iPad) / Android devices / Windows Phone
Storage		
Internal HDD		2 SATA ports, up to 8TB
Auxiliary		
USB Interface		2 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs		1 x RS232 / 1 x RS485
General		
Power Supply		12VDC 4A / PoE: 48VDC 1.04A
Operating Environment		-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions		375 x 285 x 50mm
Weight		2.0kg (without HDD)

Camera Model		VSIP1MPFBIRV4
Camera		
Camera Type		Mini Bullet
Image Sensor		1/3" 1.3 Megapixel Progressive Scan CMOS
Lens		3.6mm F2.2 Fixed Lens (74°)
Day/Night		Auto (ICR) / Colour / B&W
Backlight Compensation		BLC / HLC / DWDR
Audio Input		N/A
Maximum Infrared Range		40m
Smart Functions		Tripwire / Intrusion / Scene Change / Face Detection
Video		
Resolution		Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1 ~ 14fps)
Environment		
Ingress Protection		IP67 Weather Resistant
Vandal Resistant		N/A
Power Input		12VDC / PoE (802.3af)

Professional 8 Channel IP Surveillance Kit

Model: NVR8PROPACK4



Package Includes

- VIP Vision™ 8 Channel Professional NVR with built in PoE
- Pre-installed 2TB surveillance hard disk drive
- 4 x 1.3MP 40m infrared weather resistant bullet cameras
- 4 x 1.3MP 30m infrared weather/vandal resistant dome cameras
- CAT5 cabling for cameras: 4 x 10m, 2 x 20m, 2 x 30m
- CAT5 patch cable for networking: 1 x 1.5m

Product Overview

The VIP Vision NVR8PROPACK4 is a complete 8 channel network surveillance system, built for rapid installation and impressive results. It is an ideal CCTV package for business and residential applications, especially in retail and commercial environments.

It is easy to achieve excellent high definition security, up to 1.3 megapixel resolution at 25fps, with the NVR8PROPACK4. Connecting cameras is performed quickly thanks to the built-in 8 port power over Ethernet switch and included pre-terminated CAT5 cables.

This kit comes with a pre-installed 2TB surveillance-grade hard drive, providing reliable footage storage and faster installation. Footage can also be exported via USB device or over the network

Enabling remote view is just as simple as installation with the QR code configuration tool. Simply connect the NVR to the Internet and scan the QR code with your smartphone to automatically configure remote view on your device. Remote view compatible with iOS, Android and Windows Phone. QR code for iOS and Android only.

Model	NVR8PRO4
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	8 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	HDMI / VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.265 / H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	256Mbps
Bit Rate	1 ~ 20Mbps
Detection	
Alarm Input / Output	8 channels input / 3 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4/9
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	8 ports (IEEE802.3af)
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	2 SATA ports, up to 12TB
Auxiliary	
USB Interface	2 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485
General	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	375 x 275 x 56mm
Weight	2.65kg (without HDD)

Camera Model	VSIP1MPFBIRV4	VSIP1MPVDMINIIRC
Camera		
Camera Type	Mini Bullet	Mini Dome
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Lens	3.6mm F2.2 Fixed Lens (74°)	3.6mm F1.6 Fixed Lens (70°)
Day/Night	Auto (ICR) / Colour / B&W	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	Built-in Microphone
Maximum Infrared Range	40m	30m
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	N/A
Video		
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1 ~ 14fps)
N/A		
Environment		
Ingress Protection	IP67 Weather Resistant	IP66 Weather Resistant
Vandal Resistant	N/A	IK10 Vandal Resistant
Power Input	12VDC / PoE (802.3af)	

Professional 16 Channel IP Surveillance Kit

Model: NVR16PROPACK5



Package Includes

- VIP Vision™ 16 Channel Professional NVR with built in PoE
- Pre-installed 2TB surveillance hard disk drive
- 8 x 1.3MP 40m infrared weather resistant bullet cameras
- 8 x 1.3MP 30m infrared weather/vandal resistant dome cameras
- CAT5 cabling for cameras: 8 x 10m, 4 x 20m, 4 x 30m
- CAT5 patch cable for networking: 1 x 1.5m

Product Overview

The VIP Vision NVR16PROPACK5 is a complete 16 channel network surveillance system, built for rapid installation and impressive results. It is an ideal CCTV package for business and large residential applications, especially in retail and commercial environments.

It is easy to achieve excellent high definition security, up to 1.3 megapixel resolution at 25fps, with the NVR16PROPACK5. Connecting cameras is performed quickly thanks to the built-in 16 port power over Ethernet switch and included pre-terminated CAT5 cables.

This kit comes with a pre-installed 2TB surveillance-grade hard drive, providing reliable footage storage and faster installation. Footage can also be exported via USB device or over the network

Enabling remote view is just as simple as installation with the QR code configuration tool. Simply connect the NVR to the Internet and scan the QR code with your smartphone to automatically configure remote view on your device. Remote view compatible with iOS, Android and Windows Phone. QR code for iOS and Android only.

NVR Model	NVR16PRO5
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded Linux
Video Input	16 channel
Two-way Talk	1 channel input / 1 channel output / RCA
ONVIF Conformance	2.4 Conformance
Display	
Video Output	2 x HDMI / VGA
Resolution	Configurable from 3840 x 2160 to 1024 x 768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection
Recording	
Video Compression	H.265 / H.264 / MJPEG
Maximum Resolution	Configurable from 12.0MP(4000 x 3000) to CIF (352 x 288)
Incoming Bandwidth	256Mbps
Bit Rate	1 ~ 20Mbps
Detection	
Alarm Input / Output	16 channels input / 6 channels relay output
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer
Video Detection	Motion (Zones: 396(22x 18)), Video Loss, Camera Blank
Playback & Backup	
Playback Sync	1/4/9/16
Search Modes	Time/Date, Alarm, By Motion, Exact search, Smart search
Backup Modes	USB Device / Network / eSATA Device / Internal SATA burner
Network	
Ethernet	1 RJ-45 port (10/100/1000M)
Power over Ethernet	16 ports (IEEE802.3af)
Max. User Access	128 users
Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone
Storage	
Internal HDD	4 SATA ports, up to 24TB
Auxiliary	
USB Interface	3 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA
General	
Power Supply	100 ~ 240VAC, 50 ~ 60Hz
Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Dimensions	440 x 405 x 76mm
Weight	4.65kg (without HDD)

Camera Model	VSIP1MPFBIRV4	VSIP1MPVDMINIIRC
Camera		
Camera Type	Mini Bullet	Mini Dome
Image Sensor	1/3" 1.3 Megapixel Progressive Scan CMOS	
Lens	3.6mm F2.2 Fixed Lens (74°)	3.6mm F1.6 Fixed Lens (70°)
Day/Night	Auto (ICR) / Colour / B&W	
Backlight Compensation	BLC / HLC / DWDR	
Audio Input	N/A	Built-in Microphone
Maximum Infrared Range	40m	30m
Smart Functions	Tripwire / Intrusion / Scene Change / Face Detection	N/A
Video		
Resolution	Configurable from 1.3MP (1280 x 960) to CIF (352 x 288)	
Frame Rate	Main	1.3MP and lower (1 ~ 25fps)
	Sub	D1 and lower (1 ~ 25fps)
	Third	720p and lower (1 ~ 14fps)
Environment		
Ingress Protection	IP67 Weather Resistant	IP66 Weather Resistant
Vandal Resistant	N/A	IK10 Vandal Resistant
Power Input	12VDC / PoE (802.3af)	









Video Surveillance Accessories







Integrate, install and operate with ease in every location.

- Wide selection of brackets, adapters and junction boxes for surveillance cameras
- Reliable video surveillance testing equipment with network testing and configuration
- Compact and cost-effective Power over Ethernet mid-spans and extenders
- Control large IP video surveillance installations with command service modules
- Implement 3G/4G mobile Internet services for rapid remote view configuration

Junction Boxes and Adapters

Used to connect brackets and cameras or as an independent camera junction boxes







Model		VSBKTA121	VSBKTA122	VSBKTA123	VSBKTA140	VSBKTA120	VSBKTA132
Image							
Type		Junction Box	Junction Box	Junction Box	PTZ Junction Box	PTZ Junction Box	Junction Box
Primary Materials		Aluminium	Aluminium	Aluminium	Aluminium & SECC	Aluminium	Aluminium
Pipe Thread		N/A	M20 x P1.5	M20 x P1.5	M20 x P1.5	M20 x P1.5	M20 x P1.5
Load Bearing		3.0kg	3.0kg	3.0kg	8.0kg	7.0kg	3.0kg
Weather Resistant		Yes	Yes	Yes	Yes	Yes	N/A
Weight		0.50kg	0.55kg	0.55kg	3.2kg	0.50kg	0.60kg
Dimensions		134 x 134 x 55mm	134 x 134 x 55mm	134 x 134 x 51mm	297 x 248 x 107mm	115 x 160 x 37mm	155 x 155 x 39mm
Direct Compatibility	Adapters	N/A	N/A	N/A	N/A	N/A	N/A
	Brackets	VSBKTA151, VSBKTA152	VSBKTA151, VSBKTA152	VSBKTA151, VSBKTA152	VSBKTB300S, VSBKTB303W, VSBKTA150, VSBKTA151	VSBKTB300S, VSBKTB303W, VSBKTA150, VSBKTA151	VSBKTA152
	Cameras	VSIP12MPFBIRM, VSIP4MPFBIRM, VSIP4MPFBMINIIR, VSIP1MPFBIRV4	VSIP5MPFBIRM, VSIP3MPFBIRV2, VSIP3MPFBIRM2.8-12, VSIP1MPFBIRM, VSIP3MPVDMINIIRC, VSIP1MPVDMINIIRC	VSIP3MPVDIRM2.8-12, VSIP1MPVDIRM	VSIP3MPPTZIRV2, VSIP2MPPTZIRZ, VSIP2MPPTZIRL, VSIP1MPPTZIR (with standard bracket & adapters)	VSIP3MPPTZIRV2, VSIP2MPPTZIRZ, VSIP2MPPTZIRL, VSIP1MPPTZIR (with standard bracket & adapters)	VSIP12MPFEIR, VSIP5MPVDIRM, VSIP3MPVDIRM, VSIP3MPVDIRV2, VSIP2MPVDIRL

Model		VSBKTA130	VSBKTA131	VSBKTA100	VSBKTA101	VSBKTA102	VSBKTA110/111
Image							
Type		Junction Box	Junction Box	Camera-bracket adapter	Camera-bracket adapter	Camera-bracket adapter	Camera-bracket adapter
Primary Materials		Aluminium & SECC	Aluminium & SECC	Aluminium	Aluminium	Aluminium	Aluminium
Pipe Thread		M20 x P1.5	M20 x P1.5	1½ PF	1½ PF	1½ PF	1½ PF
Load Bearing		3.0kg	3.0kg	N/A	N/A	N/A	N/A
Weather Resistant		N/A	N/A	N/A	N/A	N/A	N/A
Weight		0.39kg	0.40kg	0.25kg	0.25kg	0.25kg	0.25kg
Dimensions		Ø138 x 42mm	Ø138 x 42mm	Ø150.8 x 37mm	Ø159 x 35mm	Ø169 x 37mm	Ø60 x 48mm
Direct Compatibility	Adapters	N/A	N/A	N/A	N/A	N/A	N/A
	Brackets	VSBKTA151, VSBKTA152	VSBKTA151, VSBKTA152	VSBKTB302S, VSBKTB300C	VSBKTB302S, VSBKTB300C	VSBKTB302S, VSBKTB300C	VSBKTB303W, VSBKTB300S, VSBKTB300C
	Cameras	VSIP5MPFBIRM, VSIP3MPFBIRV2, VSIP3MPVDMINIIRC, VSIP1MPVDMINIIRC	VSIP4MPVDMINIIR	VSIP12MPFEIR, VSIP5MPVDIRM, VSIP3MPVDIRM, VSIP3MPVDIRV2, VSIP2MPVDIRL	VSIP12MPVDIRM, VSIP4MPVDIRM	VSIP2MPPTZ	As standard with PTZ dome cameras

Corner, Pole & Ceiling Mount Brackets

Corner, pole and ceiling mount brackets & accessories for VIP Vision™ surveillance cameras

Model		VSBBTB200W	VSBBTB203W	VSBBTB302S	VSBBTB300S	VSBBTB303W
Image						
Type		Compact wall mount	Compact wall mount	Heavy duty wall mount	PTZ wall mount	PTZ wall mount
Primary Materials		Aluminium & ABS	Aluminium	Aluminium	Aluminium	Aluminium
Pipe Thread		N/A	N/A	1½ PF	1½ PF	1½ PF
Load Bearing		1.0kg	1.0kg	3.0kg	3.0kg	7.0kg
Weather Resistant		Partial	Partial	Yes	N/A	N/A
Weight		0.35kg	0.50kg	0.70kg	0.50kg	0.70kg
Dimensions		160 x 120 x 74mm	160 x 122 x 76mm	134 x 134 x 188mm	160 x 160 x 228mm	115 x 160 x 255mm
Direct Compatibility	Adapters	N/A	N/A	VSKBTA100, VSBKTA101, VSKBTA102	VSBKTA110	VSBKTA111
	Brackets	N/A	VSBKTB203W	VSBKTA150, VSBKTA151, VSBKTA152	VSBKTA140, VSBKTA120, VSBKTA151, VSBKTA150	VSBKTA140, VSBKTA120, VSBKTA151, VSBKTA150
	Cameras	VSIP3MPVDIRM2.8-12, VSIP1MPVDIRM, VSIP3MPVDMINIIRC, VSIP1MPVDMINIIRC, VSIP4MPVDMINIIR,	VSIP3MPVDIRM2.8-12, VSIP1MPVDIRM, VSIP4MPVDMINIIR	N/A	As standard with PTZ dome cameras	As standard with PTZ dome cameras

Model		VSBKTA151	VSBKTA152	VSBKTA150	VSBKTB300C	VSBKTA112	VSBKTA113
Image							
Type		Corner bracket	Two-clamp pole mount	Three-clamp pole mount	Ceiling mount	Ceiling mount extender	Ceiling mount extender
Primary Materials		SECC	Aluminium	SECC	Aluminium & PC	Aluminium	Aluminium
Pipe Thread		N/A	N/A	N/A	1½ PF	1½ PF	1½ PF
Load Bearing		10.0kg	3.0kg	10.0kg	7.0kg	N/A	N/A
Weather Resistant		N/A	N/A	N/A	N/A	N/A	N/A
Weight		1.70kg	0.20kg	1.00kg	0.75kg	0.50kg	1.00kg
Dimensions		243 x 170 x 138mm	118 x 87 x 21mm	130 x 170 x 45mm	Ø133 x 235mm	Ø53 x 220	Ø53 x 420mm
Direct Compatibility	Adapters	VSBKTA121, VSBKTA122, VSBKTA130, VSBKTA140, VSBKTA120	VSBKTA121, VSBKTA122, VSBKTA123, VSBKTA130, VSBKTA131, VSBKTA132,	VSBKTA140, VSBKTA120	VSBKTA100, VSBKTA101, VSBKTA102	N/A	N/A
	Brackets	VSBKTB302S, VSBKTB300C	VSBKTB302S	VSBKTB302S, VSBKTB300C	VSBKTA150, VSBKTA112, VSBKTA113	VSBKTB300C	VSBKTB300C
	Cameras	VSIP5MPFBIRM, VSIP3MPFBIRV2	N/A	VSIP5MPFBIRM, VSIP3MPFBIRV2	N/A	N/A	N/A

Expandable Video Wall Controller

Model: VSVIDEOWALL



The VSVIDEOWALL expandable 19" rackmount video wall controller supports large scale encoding and decoding operations as well as video wall control via VIP Vision™ video management software.

Product Features

- 19" 4U rackmount expandable video wall controller
- Flexible configuration with simple plug-in card module design
- Features 10 service card slots for video input/video output cards
- Video wall splicing configurations up to a maximum of 40 displays
- Manage video wall configuration via VIP Vision™ Smart PSS/DSS
- Encoding: Up to 80 channels at 1080p or 320 channels at D1
- Decoding: Up to 160 channels at 1080p or 640 channels at D1
- Supports TCP/IP / RTP / RTSP / RTCP / TCP / UDP / DHCP / PPPoE
- Supports switching between SD and HD streams
- 2 x 10/100/1000M RJ45 gigabit network ports

Compatible Accessories

The VSVIDEOWALL adds functionality via a simple plug-in module interface.

See the table (right) for plug-in modules for video encoding, decoding and storage options

Model	VSVIDEOWALL
System	
Main Processor	Quad-core embedded microprocessor
Operating System	Embedded Linux
Bus	PCI-E
Card Slots	10
System Features	Dual power inputs for redundancy (optional), PCI-E bus rear panel, Smart temperature-controlled fan
Video Input Cards	10 (maximum)
Video Output Cards	10 (maximum)
Matrix Switch	
Video Input	Analogue/IP cameras, DVRs, NVRs, etc.
IP HD Matrix Switch	Up to 2048 IP inputs; 160ch/1080p, 320ch/720p, 640ch/D1
Video Wall Decoding	
Control Modes	Local menu / PC-client (SmartPSS, DSS) / Network keyboard
Splicing	Up to 40 LCD display units
Functions	Splicing zoom / Merge / Roam / Overlay
Input Source	Supports mixed input: IP / HDCVI / Analogue
Output Port	DVI-D / HDMI / VGA via below cards
Network	
Interface	2 x RJ45 ports (10/100/1000M)
Serial Port	4 x RS232 ports (1 x DB9, 3 x RJ45) / 1 x RS485 port
USB	2 x USB2.0 / 3 x USB3.0
General	
Power Supply	200~240VAC / Optional: Redundant power supplies
Power Consumption	< 600W
Working Environment	0° ~ +50°C / 10 ~ 90% RH
Dimensions	483 x 496 x 178mm / 4U rackmount
Weight	< 25kg

Video Encoding Input Card by Model		
VSVWE-D	Interface	4 channels DVI-I
	Format	H.264 / MPEG4
	Capability	4CH at 1080p / Resolution Support: 1080p to VGA
VSVWE-H	Interface	4 channels HDMI
	Format	H.264 / MPEG4
	Capability	4CH at 1080p / Resolution Support: 1080p to VGA
VSVWE-V	Interface	4 channels VGA
	Format	H.264 / MPEG4
	Capability	4CH at 1080p / Resolution Support: 1080p to VGA

Video Decoding Output Card by Model		
VSVWD-D	Interface	4 channels DVI-D
	Split	1 / 4 / 9 / 16
	Capability	16CH at 1080p / 32CH at 720p / 64CH at D1
VSVWD-H	Interface	4 channels HDMI
	Split	1 / 4 / 9 / 16
	Capability	16CH at 1080p / 32CH at 720p / 64CH at D1
VSVWD-V	Interface	4 channels VGA
	Split	1 / 4 / 9 / 16
	Capability	16CH at 1080p / 32CH at 720p / 64CH at D1

Storage Card by Model		
VSVWS-R	Interface	2 channels Mini SAS
	RAID	RAID 0/1/5/6/10
	Capability	2 x SAS storage devices; Supports 48 x 4TB HDDs

Product Rear Panel



Above: VSVIDEOWALL with optional cards & PSU; base model differs in appearance

Professional IP PTZ Keyboard Controller

Model: VSIPPTZKBV2



An elegantly designed network keyboard controller that can operate standard and network high speed PTZ domes as well as standalone VIP Vision™ network video recorders.

Product Features

- Comprehensive three-axis joystick for 3D control
- Quick buttons: tour, pattern, scan, pan and preset
- On-keyboard LCD shows user operation procedure tips
- Connect via RS485, RS422, RS232, USB or via the network
- Control standalone DVRs / NVRs via DH2 or over network
- Interface with VIP Vision™ Smart PSS via USB

Professional Surveillance Camera & Cable Tester

Model: VSTEST100



The VSTEST100 is a fully featured camera & cable tester. With support for IP, HDCVI & analogue cameras, over 30 PTZ protocols, and a flip-out QWERTY keyboard, it is your go-to surveillance testing solution.

Product Features

- Test and configure IP, HDCVI and analogue cameras
- 4.0" IPS display, 12 control keys & flip-out keyboard
- 2 x RJ45 (1000M), 2 x BNC, RS485, USB and Audio-in
- 30+ protocols for PTZ control, up to 19200bps baud rate
- TDR detection up to 150m
- PoE testing (PD/PSE); and network analysis
- Generate PAL video signal; local footage playback
- Power by PoE midspan; PoE (802.3af/at); and 12VDC/2A
- Up to 10 hours operation with 4 hours recharge time
- Support for online firmware upgrades
- Dual LED flashlight

IP Surveillance Cameras

(ONVIF 2.4.1, RTSP, RTP protocols)

- Set: Static IP, DHCP client, DHCP server
- Configure: all camera settings
- Test: camera discovery, realtime video PTZ control, audio, view and record

HDCVI & Analogue Surveillance Cameras

(PAL/NTSC, D1/720p/1080p)

- Set: camera configuration (HDCVI); signal rate: 1Vpp
- Test: real time video, PTZ control, audio test, view and record

Power Over Ethernet Midspan

Model: VSPOE-MS



Product Features

- 60W PoE supply for high power consumption cameras
- Integrate with VSPOE-EX to connect up to 3 IP cameras
- Indicators for power status and PoE status
- Neat wall mount installation

Model	VSPOE-MS
System	
Ethernet	1 x 10/100/1000M Base-T 1 x 10/100/1000M Base-T (PoE power supply)
PoE Power Supply	60W High PoE support
Indicators	Power indicator / PoE status indicator
Exchange Mode	Store & forward
General	
Operation Environment	-30° ~ 65°C / 10 ~ 90% RH (max.)
Dimensions	150 x 70 x 39mm
Weight	0.39kg

Power Over Ethernet Extender

Model: VSPOE-EX

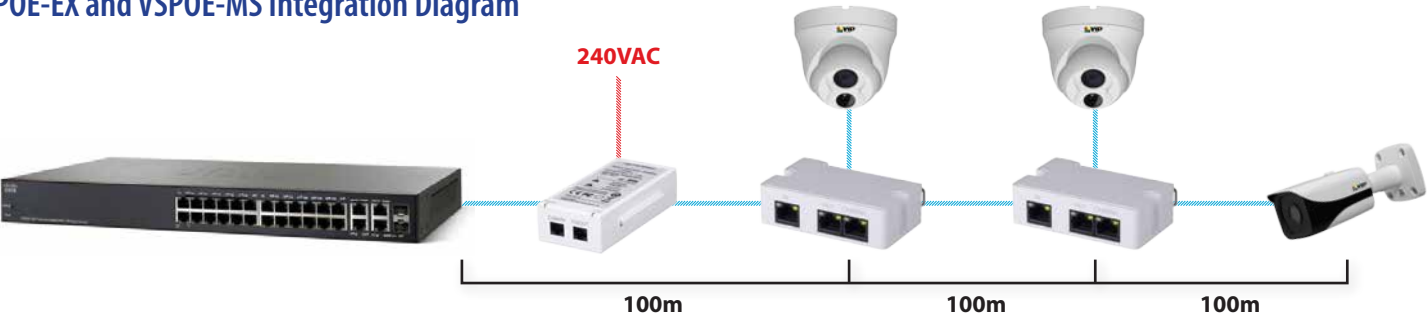


Product Features

- Extender acts as a passive PoE power supply cascade
- Supports Ethernet data exchange and VSPOE-MS
- IEEE 802.3af/at standard for IP camera PoE power supply
- Junction box mounting / DIN rail mounting

Model	VSPOE-EX
System	
Ethernet	1 x 10/100 Base-T PoE power receiving port 1 x 10/100 Base-T PoE port for add. extender power supply 1 x 10/100 Base-T PoE port for IP camera power supply
Transmission Distance	Integrate with VSPOE-MS for PoE power supply cascade: Up to 3 IP surveillance cameras (power consumption < 8W) 300m maximum transmission distance
General	
Power Consumption	< 3W
Operation Environment	-30° ~ 65°C / 10 ~ 90% RH (max.)
Dimensions	79 x 52 x 23mm
Weight	0.06kg

VSPOE-EX and VSPOE-MS Integration Diagram





Residential IP Intercom Systems

Improve accessibility and remain secure from anywhere.

- Stylish IP intercom systems, ideal for residential, in schools, for small business & more
- Support for up to six door stations and six intercom monitors in a single system
- 720p HD day/night video & compatibility with a wide range of door sensors/strikes
- Better accessibility & security: Answer your door from anywhere via push notifications
- View live audio/video, take image snapshots and remote door unlock via your phone

Residential IP Intercom Door Stations

INTIPRDS Series



INTIPRDS (B/BW)

- Surface mount design with backlit interface
- Interact with door station via NFC-capable card
- Weather resistant tempered glass front panel

INTIPRDS (VW)

- Durable stainless steel front panel construction
- Weather and vandal resistant front panel
- Flush mount & surface mount accessories available

Available in three different styles, the residential IP intercom door station range offers elegant access solutions, ideal for apartments, gated residences, and small business.

They feature 720p HD camera, an intuitive one- button interface with voice prompting, visitor audio/video messaging and can integrate with most door strikes and sensors.

Compatible Accessories

Optional accessories for the INTIPRDSVW:

- Surface mount box/rain-shield and flush mount box.



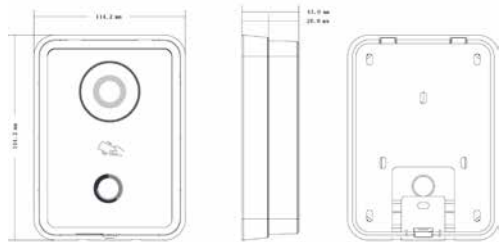
INTIPRDSVW-RS



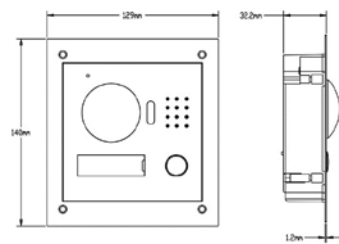
INTIPRDSVW-FMA

Common Features	INTIPRDS Series
System	
Main Processor	Embedded Microprocessor
Operating System	Embedded Linux
Camera	
Image Sensor	1.0 Megapixel CMOS
Video Compression	H.264
Audio	
Audio Input	Omni-directional Microphone
Audio Output	Embedded Loudspeaker
Bidirectional Talk	Support
Storage	
Internal Capacity	128MB
Network	
Ethernet	10M/100Mbps Self-adaptive

Model	INTIPRDS(B/BW)
Backlit Interface	Yes
Card Support	Yes: Built-in NFC Card Reader
Tamper Detection	Yes
Network Protocol	TCP/IP, SNMP, MDI/MDI-X Self-adaptive
Vandal Resistant	N/A
Ingress Protection	Weather Resistant Front Panel
Installation Components	Mounting Kit
Power Input	12VDC
Power Consumption	Standby < 1W / Operation < 5W
Dimensions	154 x 114 x 43mm
Weight	0.60kg
Product Dimensions	



Model	INTIPRDSVW
Backlit Interface	N/A
Card Support	N/A
Tamper Detection	Yes
Network Protocol	TCP/IP
Vandal Resistant	IK07
Ingress Protection	IP54
Installation Components	Mounting Kit (flush/surface mount accessories available)
Power Input	12VDC
Power Consumption	Standby < 1W / Operation < 10W
Dimensions	130 x 140 x 32mm
Weight	0.80kg
Product Dimensions	



Residential IP Intercom Indoor Monitors

Model: INTIPMON



Common Features	INTIPMON Range
System	
Main Processor	Embedded Microprocessor
Operating System	Embedded Linux
Video Compression	H.264
Audio	
Audio Input	Omni-directional Microphone
Audio Output	Embedded Loudspeaker
Bidirectional Talk	Support
Design	
Display Size	7" Colour TFT LCD
Display Resolution	SVGA (800 x 480)
Alarm Support	Yes; 8 Input Channels
Operational Input	Resistive Touchscreen / On-unit Soft Keys
Storage	
Internal Capacity	4GB MicroSD Card (non-removable)
Network	
Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP
General	
Operating Temperature	-10 ~ +60°C / 10 ~ 90%RH (max.)
Power Input	12VDC
Power Consumption	Standby < 1.5W / Operation < 7W
Installation Components	Wall Mounting Kit
Dimensions	221 x 154 x 24mm
Weight	0.80kg
Product Dimensions	

Product Overview

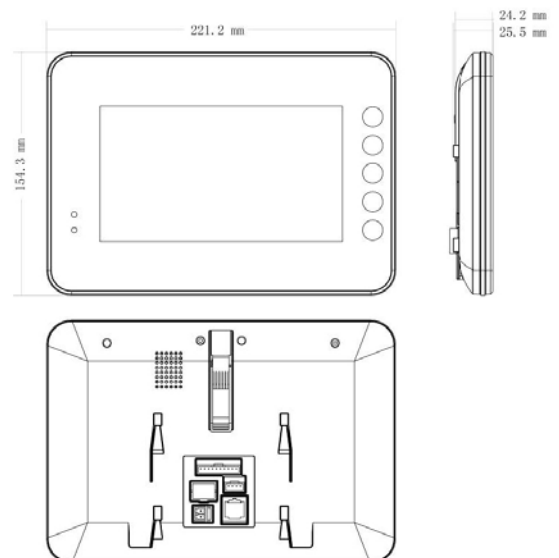
- Stylish gloss finish black and white intercom indoor monitors
- 7" resistive touch screen control interface & soft buttons
- Take image snapshots and watch audio/video messages
- View the door station camera or CCTV on your indoor monitor
- 4GB of on-board memory for message and snapshot storage
- Connect to a maximum of up to 6 door stations
- Inter-room calling with monitor-to-monitor chat
- Comprehensive call history log and do not disturb (DND)

Available in two different colours, each monitor in the VIP Vision™ intercom monitor range enables fast and intuitive interaction with your IP intercom system.

It features a stylish, slim-line aesthetic that neatly suits modern interiors. It is perfect for apartments, homes and in small businesses.

The unit is operated via a 7" resistive touchscreen, with common functions completed quickly via buttons on the side of the monitor.

VIPVision™ intercom indoor monitors come standard with installation components for wall mounting.



Product Variants by Model	
INTIPMONBL	Black intercom indoor monitor
INTIPMONBLW	White intercom indoor monitor

Complete Residential IP Intercom Kit

INTIPRKIT Series



Package Includes

- 1 x Black residential door station with 1.0 megapixel camera
- 1 x Black residential intercom monitor with 7" TFT LCD display
- 1 x 30m CAT5 cable to connect door station and monitor
- Power supplies for the door station and monitor

Product Overview

The VIP Vision™ Residential IP Intercom Kit is an ideal single monitor/door-station intercom solution for residential applications.

The system comprises a compact flush mount door station and a 7" touchscreen indoor monitor. The door station features a 1.0 megapixel, 720p-capable, low-light camera.

Capabilities of this intercom kit extend beyond the home and into everyday life. Remote connect to your intercom system from anywhere with your Android or iOS device (iPad, iPhone). Answer door bells, unlock your door, take image snapshots and two-way talk - all remotely from your smartphone or tablet.

The door station is operated simply via a single backlit button whilst the indoor monitor uses a touchscreen. The system supports door sensor and door strike integration, remote unlock, missed/placed/received call details, visitor audio/video messaging and group calling functions. The intercom kit integrates with most electronic door strikes and sensors.

This kit is also available in white gloss finish.

Door Station Model	INTIPRDSB
System	
Main Processor	Embedded Microprocessor
Operating System	Embedded Linux
Camera	
Image Sensor	1.0 Megapixel CMOS
Video Compression	H.264
Audio	
Audio Input	Omni-directional Microphone
Audio Output	Embedded Loudspeaker
Bidirectional Talk	Support
Design	
Backlit Interface	Yes
Operational Input	Single-press Touch Button
Card Support	Yes: Built-in NFC Card Reader
Tamper Detection	Yes
Vandal Resistant	N/A
Storage	
Internal Capacity	128MB
Network	
Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP, SNMP, MDI/MDI-X Self-adaptive
General	
Ingress Protection	Weather Resistant Front Panel
Installation Components	Mounting Kit
Power Input	12VDC
Power Consumption	Standby < 1W / Operation < 5W
Dimensions	154 x 114 x 43mm
Weight	0.60kg

Indoor Monitor Model	INTIPMONBL
System	
Main Processor	Embedded Microprocessor
Operating System	Embedded Linux
Video	
Display Size	7" Colour TFT LCD
Display Resolution	SVGA (800 x 480)
Video Compression	H.264
Audio	
Audio Input	Omni-directional Microphone
Audio Output	Embedded Loudspeaker
Bidirectional Talk	Support
Design	
Operational Input	Resistive Touchscreen / On-unit Soft Keys
Alarm Input	Yes - 8 Input Channels
Storage	
Internal Capacity	4GB MicroSD Card (non-removable)
Network	
Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP
General	
Power Input	12VDC
Power Consumption	Standby < 1.5W / Operation < 7W
Dimensions	221 x 154 x 24mm
Weight	0.80kg
Operating Environment	-10 ~ +60°C / 90%RH (max.)

Product Variants by Model	
INTIPRKITB	Black intercom door station and intercom monitor
INTIPRKITBW	White intercom door station and intercom monitor



Stay connected with all that you love.™

Achieve more than security with VIP Vision and the Flashview™ smartphone app. Receive instant surveillance alerts, live view your cameras, playback footage, take snapshots and even remotely unlock your intercom-connected door lock. Do this and more from anywhere with your VIP Vision IP system and Flashview.





Crucial evidence. Always.



www.vip-vision.com

Your VIP Vision IP surveillance dealer:

