



The peak of performance.

Ultimate Series: 4.0MP Motorised Lens IP Dome Camera

This vandal resistant dome camera from the VIP Vision™ Ultimate Series offers double the resolution of Full HD 1080p cameras and has a multitude of features to be a peak performer across all applications, weather and lighting conditions. Integrate alarm systems, audio devices, edge recording via microSD and deliver reliable installations every time with the Ultimate Series surveillance range.

- Stream up to 4.0 megapixel (2688 x 1520) at 20fps
- 2.7 ~ 12mm motorised lens (100 ~ 33°) with auto iris
- Day/night (auto ICR) with 50m max infrared range
- True WDR (120dB) for back/highlight compensation
- RCA test video output & on-camera zoom controls
- MicroSD slot for edge recording up to 128GB
- Interface for alarm and audio device integration
- Triple stream and smart detection technologies
- IP67 weather and IK10 vandal resistant housing
- ONVIF, PSIA and CGI conformance



True WDR (120dB)



Greater than Full HD



intelligent Video Analytics

Professional surveillance packed full of impressive features.

When installing the dome, simply open the weather sealed cover to access the viewing angle adjustment buttons, Micro SD port and the video output for testing.

2.7 ~ 12mm

Motorised varifocal lens
(4x optical zoom)

High Powered LEDs

50m infrared range

Tether cable

Reset button

Restore device
to factory default

Video output

Analogue signal to
connect to spot monitor

Zoom adjustment

Adjust viewing angle
with a press of a button

High Resolution

4.0 Megapixel

Locking Screw

Simply unlock to tilt
orientation of the camera

Power input

12VDC

Ethernet Connection

Connect to LAN
Supports PoE

Connection block

Contains alarm input/output
and audio input/output

Cable seals

Rubber seals around cable



Installation and setup made easy.

Opening the weather-sealed dome cover of the Ultimate Series IP dome reveals:

- Manual zoom adjustment controls (W / T) of the 2.7~12mm lens
- MicroSD slot for up to 128GB of local recording
- Reset button, 4-pin and analogue tester outputs

Easy output to BNC tester, even after mounting.

This enables new and existing camera installations to be configured easily, without ever needing to take down the camera from its mounting.

- Easily configure via BNC testers, like VSTEST100



Camera I/O functionality like no other

The Ultimate IP Series features unrivaled alarm and audio functionality. Trigger recording via PIR sensors by connecting an alarm system, or integrate audio into surveillance with an external microphone input.

- 1 / 1 channel input / output for alarm integration
- 1 / 1 channel input / output audio interface

Model		VSIP4MPVDIRM		
General	Product Image			
	Camera Style	Weather/Vandal Resistant Dome		
	Image Sensor	1/3" 4.0MP 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)		
	Minimum Illumination	0.01 Lux at F2.0 (Colour) / 0 Lux at F2.0 (IR on)		
	Electronic Shutter	Auto / Manual (1/3 ~ 1/100000s)		
	Day/Night	Auto (ICR) / Colour / B&W		
	Infrared Range	50m		
	White Balance	Auto / Sunny / Night / Outdoor / Customised		
	Noise Reduction	3D Digital Noise Reduction		
	Gain Control	Auto / Manual		
	Lighting Compensation	Backlight / Highlight / True WDR (120dB)		
	Resolution	4.0MP (2688 x 1520) to CIF (352 x 288)		
	Video	Frame Rate	Main	4.0MP (1~20fps) / 3.0MP and lower (1~25fps)
			Sub	D1 and lower (1 ~ 25fps)
Third			720p and lower (1 ~ 20fps)	
Video Compression	H.264 / H.264B / H.264H / MJPEG			
Bit Rate	H.264: 32Kbps ~ 10Mbps			
ONVIF Conformance	ONVIF, PSIA, CGI			
Interface	Audio Input	1 input / 1 output channels		
	Audio Compression	G.711a / G.711u / AAC		
	Alarm Interface	1 input / 1 output channels		
	Network Interface	RJ45 (10/100 Base-T)		
	Memory Slot	MicroSD up to 128GB		
	Smart Functions	Face Detection (Optional: Tripwire, Intrusion, Scene Change)		
	Video Output	1 channel BNC (1.0Vp-p, 75 ohm)		
Environmental	Ingress Protection	IP67		
	Vandal Resistant	IK10		
	Power Input	12VDC / PoE (802.3af)		
	Power Consumption	< 10W		
	Construction	Metal with polycarbonate dome		
	Dimensions	Ø159 x 118mm		
	Weight	0.80kg		
Operating Environment	-30 to 60°C / RH95% (max)			
Product Diagram				

