



Long distance PoE installs.

Professional Series: NVR available in 16 channels with extended PoE

VIP Vision™ Professional Series ePoE NVRs offer Ultra HD broadcast-quality image performance with built-in ePoE for Power over Ethernet at ranges up to 800m, making long-distance PoE camera installations simpler than ever before.

- Record beyond Ultra HD up to 12.0MP (4000 x 3000)
- Up to 320Mbps incoming bandwidth, H.265+ support
- 10TB HDD support for up to 40TB footage storage
- Built-in 16 PoE switch for easy installation, including 8 ePoE ports for PoE at up to 800m (*ePoE cams only*)
- Native Ultra HD live view on 4K monitors via HDMI
- Backup footage via network, USB or SATA devices
- Remote view in seconds with setup via QR code
- Live view, playback & record via your phone/tablet
- Quiet smart fan auto adjusts with CPU temperature





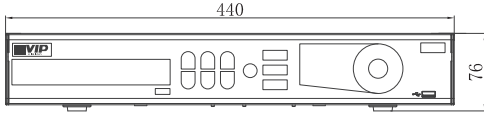
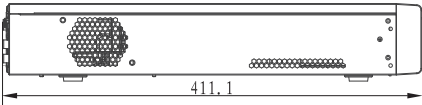
Ultra HD Record & Live View



Extended Power over Ethernet



Comprehensive Remote View

Model		NVR16PRO7
General	Product Image	
	Main Processor	Quad-core embedded processor
	Operating System	Embedded Linux
	Video Input	16 channels
Display	Two-way Talk	1 channel input, 2 channel output, RCA
	Interoperability	ONVIF 2.4, SDK, CGI conformant
	Video Output	2 x HDMI, 2 x VGA
	Display Resolution	Configurable from 3840 x 2160 to 1024 x 768
Recording	Display Split	1/4/8/9/16
	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
	Recording Resolution	Configurable from 12.0MP (4000 x 3000) to CIF (352 x 288)
	Incoming Bandwidth	320Mbps
Features	Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
	Bit Rate	16kbps ~ 20Mbps per channel
	Record Modes	Manual / Schedule (Regular [Continuous], Motion Detection, Alarm) / Stop
	Record Interval	1~120 min (default: 60 min) / Pre-record: 1~30s / Post-record: 10~300s
Network	Alarm Input / Output	16 channels input / 6 channels relay output (N.O/N.C)
	Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer, Screenshot
	Video Detection	Motion Detection, Motion Zones: 396 (22 x 18), Video Loss & Tampering
	Playback Sync	1/4/9/16
Storage	Search Modes	Time/Date, Alarm, Motion Detection, Exact Search (to the second), Smart Search
	Backup Modes	USB Device / Network / eSATA Device
	Ethernet	1 x RJ-45 port (10/100/1000Mbps)
	Power over Ethernet	16 ports (IEEE802.3at/af) / ePoE & EoC support (Ports 1-8)
Environment	ePoE Range	300m (100Mbps, 25.5W) / 800m (10Mbps, 13W)
	Network Functions	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, Easy4IP
	Optical Interface	N/A
	Max. User Access	128 users
Additional Information	Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone* (limited functionality)
	Internal HDD	4 x SATA ports up to 10TB, max. 40TB HDD capacity
	HDD Modes	Single (no RAID compatibility)
	USB Interface	3 ports: Rear USB3.0 / Front USB2.0
Product Diagrams	Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA
	Power Supply	100 ~ 240VAC, 50 ~ 60Hz
	Power Consumption	< 17.5W (without HDD) / PoE: 25.5W per port, 150W total
	Operating Environment	-10 ~ 55°C / 10 ~ 90%RH / 86 ~ 106kpa
Product Variants by Model	Dimensions / Rack Units	440 x 411 x 76mm / 1.5U
	Weight	4.65kg (without HDD)
Product Diagrams		   Above: NVR16PRO7
Product Variants by Model		NVR16PRO7: Standard, as above

Your local VIP Vision™ IP solutions professional: