



# Serious jobs made simple.

## Professional 16 Channel Network Video Recorder

Model: NVR16PR05

- Records up to 12.0 megapixel (4000 x 3000)
- Up to 256Mbps incoming bandwidth
- 4 x SATA ports for up to 24TB of HDD capacity
- Remote view in seconds with setup via QR code
- Live view surveillance in Ultra HD resolution
- Built-in 16 port Power over Ethernet (PoE)
- Backup via external USB device or local network
- Remote view for iOS, Android & Windows Phone



[www.vip-vision.com](http://www.vip-vision.com)

# 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.

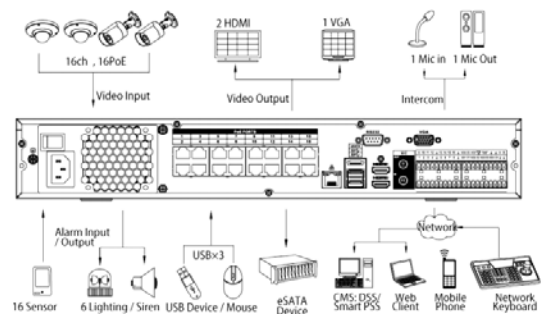
Smartphone and tablet remote viewing is available for iOS (iPhone, iPad), Google Android and Microsoft Windows Phone via free applications and can be configured in seconds using the remote view QR code tool.

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.

<b>Model</b>	<b>NVR16PRO5</b>
<b>System</b>	
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
<b>Display</b>	
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
<b>Recording</b>	
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
<b>Detection</b>	
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
<b>Playback &amp; Backup</b>	
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
<b>Network</b>	
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
<b>Storage</b>	
Internal HDD	4 SATA ports, up to 24TB
HDD Modes	N/A
<b>Auxiliary</b>	
USB Interface	3 ports: Rear USB3.0 / Front USB2.0
Auxiliary Inputs	1 x RS232 / 1 x RS485 / 1 x eSATA
<b>General</b>	
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



<b>Product Variants by Model</b>	
NVR16PRO5NP	No built in Power over Ethernet switch.

Your local VIP Vision™ professional: