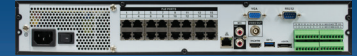


# NVR16P16 / NVR32P16

16 / 32 Camera / 16 PoE Embedded NVR



Built-in PoE Switch



NVR16P16



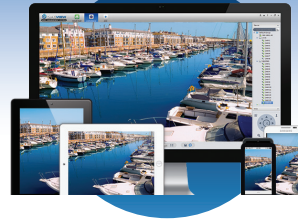
NVR32P16



**Easy Playback**  
Calendar Search & Selectable Time Bars.



**Recording Schedule**  
Set Times, Dates & Camera Options



**Mobile / Remote Access**  
Access DVR Using Optiview VMS & Mobile Apps.



**Room to Grow**  
4 HDD Bay for up to 24TB of Internal Storage.

## Overview

The NVR16P16 and NVR32P16 PoE Network Video Recorders display live feeds at up to 1080P resolution and can record at up to 5MP (2560x1920) resolution. There is ample storage room to record with a storage capacity of up to 24TB. These NVRs can be paired with up to 16 / 32 high resolution 5 MegaPixel IP cameras using CAT5/6 cables.

## Specifications

Model	NVR16P16	NVR32P16
Main Processor / Operating System	High Performance Dual-Core Embedded Microprocessor / Embedded LINUX	
Video (Input / Output)	16 Channels / 1 x HDMI (Video & Audio), 1 x VGA, 1 x BNC	32 Channels / 1 x HDMI (Video & Audio), 1 x VGA, 1 x BNC
Audio (Input / Output)	1 x RCA / 1 x RCA	
Two-way Talk	Reuse Audio Channel 1 (Input / Output)	
Display Resolution	1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768	
Display Split	1 / 4 / 8 / 9 / 16	
Playback Channel	1 / 2 / 4 / All	
Playback Functions	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	
Recording Resolutions	5MP (2560 x 1920), 3MP (2048 x 1536), 1080P (1920 x 1080), 720P (1280 x 720), 960H (960 x 576 / 960 x 480), D1 (704 x 576 / 704 x 480)	
Recording Speed	200 Mbps	
Compression (Video / Audio)	H.264 / MPEG4	
Recording Bit Rate	48 ~ 8,192 kbps	
Recording Mode	Manual, Schedule [Regular (Continuous), MD], Stop	
Trigger Events	Recording, PTZ Movement, Tour, Alarm, Email, FTP, Buzzer & Screen Tips	
Motion Detection	Zones: 396 (22 x 18), Sensitivity: 1 ~ 6 (level 6 is highest), Video Loss & Camera Blank	
Alarm Input / Relay Output	16 Channels / 4 Channels	
Search Mode	Time / Date, Alarm, MD & Exact Search (Accurate To Second), Smart Search	
HDD Bays / Storage Capacity	4 / 24TB (SATA - Internal), 16TB (eSATA - External)	
DVD R/RW Drive	Yes (Optional Upgrade)	
Backup Mode	Flash Drive, USB HDD, Built-in SATA Burner & Network	
USB 2.0 / eSATA	4 (2 Back) / 1	
RS232 / RS485	1 (PC Communication) / 1 (PTZ Control)	
RJ-45 (Ethernet)	1 (10 / 100 / 1000 Mbps)	
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search, SNMP, P2P	
Max. User Access	128	
Power Over Ethernet (PoE)	Ports: 16 (IEEE802.3at) Power (per port): 25.5 W	
Power (Supply / Consumption)	100 ~ 240 V AC, 50 ~ 60 Hz / 40 W (with no HDD)	
Working Environment	14° ~ 131° F, 10 ~ 90% RH, 86 ~ 106 kpa	
Dimensions (WxDxH) / Weight	1.5U, 17.3" x 16.2" x 2.75" / 13.23 lbs	

## Features

- Built-in PoE Switch With Support For Up To 16 Cameras
- 5MP Recording Resolution
- 200 Mbps (Max) Incoming Bandwidth
- 1080P Video Output (HDMI, VGA)
- All Channel Synchronous Real-Time Playback