

Highlights

Concurrent Viewing

Simultaneously record and view real-time video streams from up to 32 Cameras on a local network or remotely over the Internet.

Reliability and Performance

Gigabit Ethernet support on an embedded system ensures a smooth live view and recording experience.

Flexible and Dependable

Supports up to 48 TB of internal storage as well as network backup compatibility.



DNR-F4432-16P

H.265 PoE Network Video Recorder

Features

Rock-Solid Reliability

- One 10/100/1000 Mbps Gigabit Ethernet port
- External USB storage connectivity for backups

Convenient Interface

- View real-time and recorded video of all 32 Cameras from anywhere in your home or office, or remotely via the Internet
- Mobile app lets administrators monitor the system remotely on a mobile device
- User-friendly interface provides 32 Channels of simultaneous live view, recording, playback, and PTZ control

Full-Featured Functionality

- Supports H.265 and H.264 compression formats
- Four-bay SATA 3.5" HDD interface, up to 12 TB capacity per Hard Disk Drive¹
- Continuous, scheduled, or event-based recording with automatic overwrite function

Flexible and Scalable

- One Standalone device - eliminates the need for a dedicated PC
- Supports ONVIF compliant Network Cameras³
- Video exporting via USB or to network locations

The DNR-F4432-16P is a standalone wired Network Video Recorder (NVR) which supports multichannel Network Cameras with H.265 and H.264 recording and four high-speed SATA Hard Disks for backup. Thanks to a powerful embedded system, the NVR can record video from Network Cameras located in local or remote sites into a dedicated HDD storage without having to turn on a PC. The DNR-F4432-16P NVR supports real-time monitoring and playback from everywhere via browser, HDMI or VGA port. The triplex function enables the device to continue recording while simultaneously allowing the user to watch the live view and search for playback videos. Complete video management, display and playback capabilities make the DNR-F4432-16P a convenient and stable asset to your network.

Automated Surveillance

Users are provided with a variety of options for viewing live streams and Camera footage onscreen as well as automatically recording events as they happen, with or without an operator on-site. Event-based recording is available for Cameras with motion detection and Alarm In connections are supported for triggers such as door and window sensors for automated recording during unusual events. User-defined scheduled recording and continuous recording with automatic overwriting options help to ensure the surveillance system is running reliably, even when no one is around.

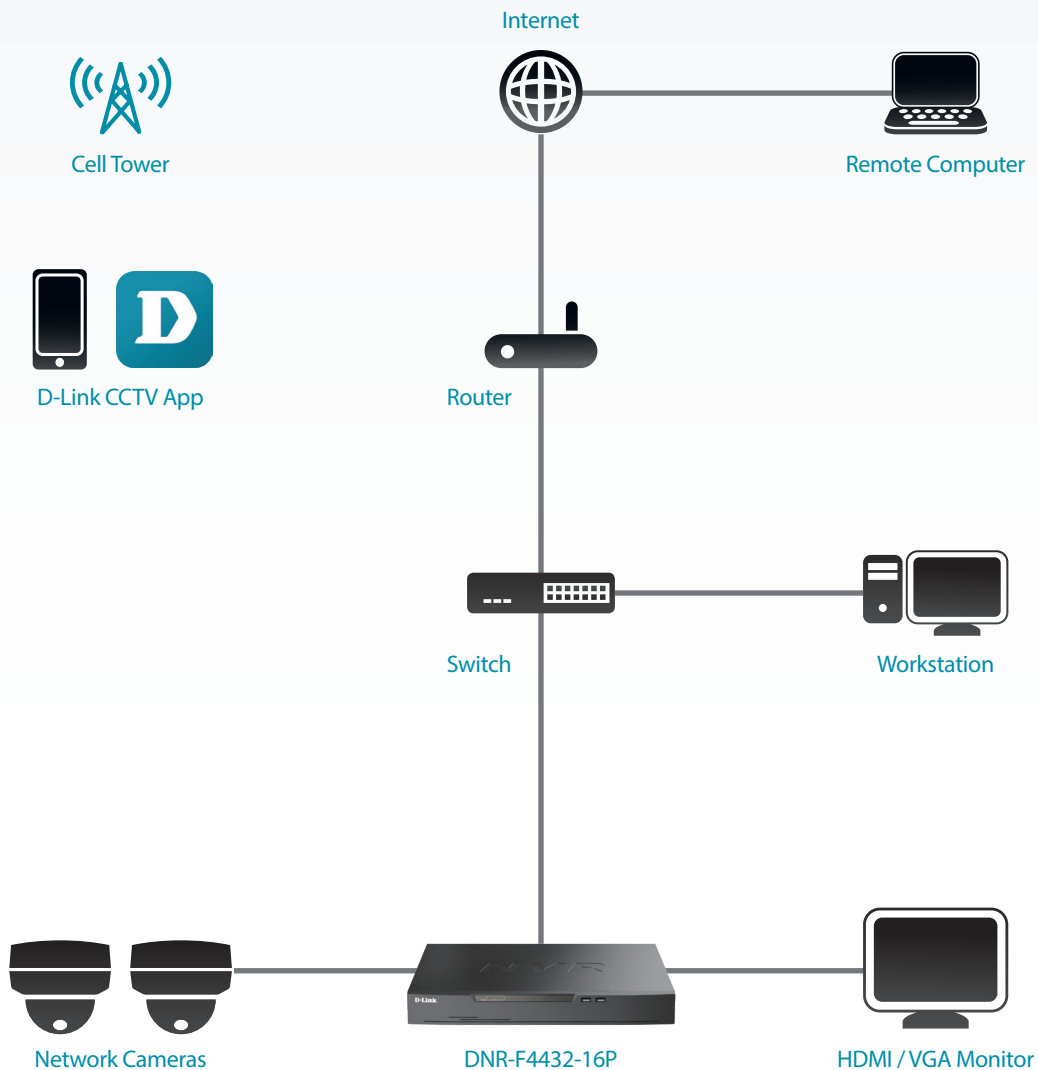
Extensive Monitoring and Recording Features

The DNR-F4432-16P's intuitive interface allows for easy configuration of many functions including compression, resolution, and frame rate for all connected Cameras. Support for multiple encoding formats provides administrators the flexibility to prioritise storage space and video quality. Featuring live viewing of multiple channels, users can simply drag and drop selected Cameras to the viewing area. A single Camera may be viewed full-screen with Two-Way Audio support. Advanced search features including calendar filters help administrators quickly find the specific footage they need.

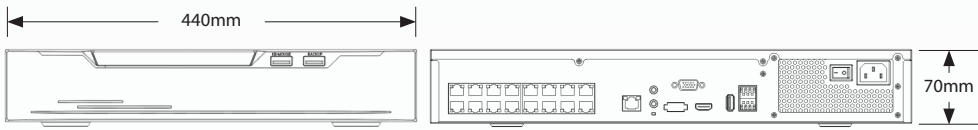
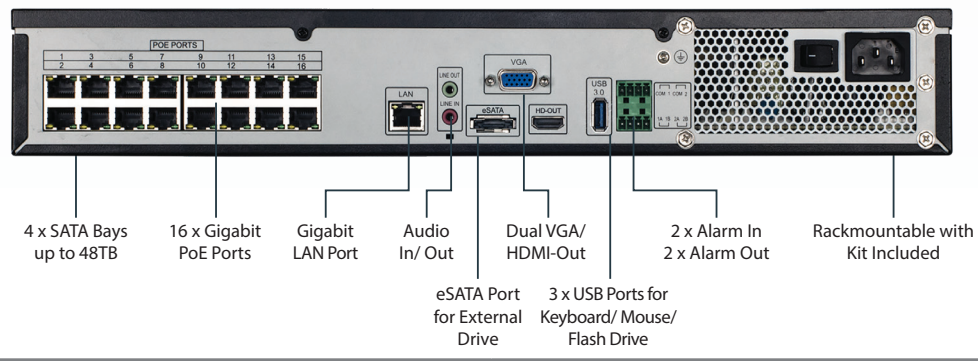
Smooth Streaming from Anywhere

The DNR-F4432-16P also enables users to remotely view and manage the NVR from anywhere via a web browser. The Gigabit Ethernet port provides superior bandwidth for viewing 32 Camera streams simultaneously, so critical moments can be monitored and captured at all times. Rounding out the features is the D-Link CCTV Mobile App that lets administrators easily and remotely access and monitor the DNR-F4432-16P on a mobile device — making this 32 Channel H.265 PoE Network Video Recorder a complete, easy-to-use enterprise Surveillance Solution.

Network Setup



Technical Specifications		
General		
Standards	<ul style="list-style-type: none"> • IEEE 802.3x/u/ab • SATA I/II/III 	<ul style="list-style-type: none"> • Auto MDI/MDI-X
HDD ¹	<ul style="list-style-type: none"> • 4x SATA ports, up to 12 TB capacity per HDD Drive² 	
Reset	<ul style="list-style-type: none"> • Reset through GUI 	<ul style="list-style-type: none"> • Password Recovery
Network Interface	<ul style="list-style-type: none"> • Gigabit Ethernet port (10/100/1000 Mbps) 	
I/O Ports	<ul style="list-style-type: none"> • 1 x 10/100/1000 Base-T RJ-45 port • HDMI (supports 4K resolution) • VGA (supports 1080P resolution) • 1x eSATA port 	<ul style="list-style-type: none"> • 2 x USB 2.0 ports, 1x USB 3.0 port³ • 3.5 mm Audio Input x 1, Output x 1 • 2 x Alarm In, 2 x Alarm Out
PoE	<ul style="list-style-type: none"> • 16 x 10/100/1000 Base-T RJ-45 ports • IEEE 802.3af 	<ul style="list-style-type: none"> • Supplies up to 15 W per port • 160 W total PoE budget
Features		
Network Client OS	<ul style="list-style-type: none"> • Microsoft Windows 10 	
Supported Cameras ⁴	<ul style="list-style-type: none"> • Supports ONVIF compliant IP Cameras 	<ul style="list-style-type: none"> • Supports auto-discovery
Live View/Playback	<ul style="list-style-type: none"> • HDMI port max output resolution: 4K⁵ 	<ul style="list-style-type: none"> • VGA port max output resolution: 1080p⁶
System Requirements for Web Interface	<ul style="list-style-type: none"> • Edge, Chrome, Safari and Firefox 	
Recording Performance	<ul style="list-style-type: none"> • Max recording bitrate: 320 Mbps 	
Camera Search	<ul style="list-style-type: none"> • WS-Discovery 	
Audio and Video Recording	<ul style="list-style-type: none"> • Synchronised audio and video recording 	
Compression Format	<ul style="list-style-type: none"> • H.264 	<ul style="list-style-type: none"> • H.265
Audio Compression Format	<ul style="list-style-type: none"> • G.711 	<ul style="list-style-type: none"> • AAC
Video Setting	<ul style="list-style-type: none"> • Resolution • Bitrate 	<ul style="list-style-type: none"> • Frame rate • Video profile selection
Recording Mode	<ul style="list-style-type: none"> • Schedule, manual and event-based recording 	<ul style="list-style-type: none"> • Motion-triggered recording
Alarm Recording	<ul style="list-style-type: none"> • Post-alarm: 30/40/50/60 seconds per channel 	
Live View Control	<ul style="list-style-type: none"> • Manual record • Instant playback • Audio enable/disable • PTZ control 	<ul style="list-style-type: none"> • 3D (on screen PTZ) • Digital zoom in/zoom out • Image setting • Two-Way Audio
Playback Control	<ul style="list-style-type: none"> • Normal • Rewind • Play • Stop • Next frame 	<ul style="list-style-type: none"> • Playback speed adjust (maximum triple speeds) • Audio enable/disable • Start Backup • Batch Backup • 1/6/12/24 Hour(s) options • Zoom
Overwrite Recording	<ul style="list-style-type: none"> • Auto recycling when disk storage is full 	
Video Export	<ul style="list-style-type: none"> • Export video to MP4 file format 	
User Account	<ul style="list-style-type: none"> • Additional accounts can be created to allow users system access and specify authorisation for Camera Channels, PTZ etc. 	

DDNS	<ul style="list-style-type: none"> • No_IP • AutoDNS 	<ul style="list-style-type: none"> • DynDNS
System Time	<ul style="list-style-type: none"> • Sync with NTP server • Manual Input time 	<ul style="list-style-type: none"> • Time Zone • Daylight Saving Time
System Status	<ul style="list-style-type: none"> • Channel status • HDD status 	<ul style="list-style-type: none"> • System status • Network status
Network Service Protocols	<ul style="list-style-type: none"> • IPv4, ARP, TCP, UDP, ICMP • DHCP Server (PoE ports) • DHCP Client (LAN ports) • NTP Client • DNS Client • DDNS Client • SMTP Client 	<ul style="list-style-type: none"> • HTTP/HTTPS Server • RTP • RTSP over TCP • RTCP • IP filtering • SNMP v1/v2c/v3
User Interface	<ul style="list-style-type: none"> • HTTP Web browser • Console via HDMI/VGA 	<ul style="list-style-type: none"> • D-Link CCTV Mobile App • DCMS+ Software
Physical		
Weight	• 4.65 kg (without HDD)	
Power Input	• Input: 100 to 240 V AC/ 3.0 A, 50 to 60 Hz	
Power Consumption	• Max. 160 W	
Temperature	• Operating: 0 to 50 °C	• Storage: -20 to 70 °C
Humidity	• Max of 90% non-condensing	
Certifications	<ul style="list-style-type: none"> • CE • FCC 	<ul style="list-style-type: none"> • RCM
Dimensions		
Rear Panel	 <p>4 x SATA Bays up to 48TB</p> <p>16 x Gigabit PoE Ports</p> <p>Gigabit LAN Port</p> <p>Audio In/ Out</p> <p>Dual VGA/ HDMI-Out</p> <p>2 x Alarm In 2 x Alarm Out</p> <p>Rackmountable with Kit Included</p> <p>eSATA Port for External Drive</p> <p>3 x USB Ports for Keyboard/ Mouse/ Flash Drive</p>	
Order Information		
Part Number	Description	
DNR-F4432-16P	32 Channel Network Video Recorder with 4 HDD Bays and 16 Built-in PoE Ports	

¹ Hard Disks are not included.

² Supports up to 4 Hard Disks of up to 12 TB each for a total of 48 TB.

³ Supports mouse and flash disk.

⁴ Please visit your regional D-Link website via www.dlink.com.au for a full Camera compatibility list.

⁵ 1 Channel supports 12MP, 4 Channels support 8MP, 16 Channels support 1080p, 32 Channels support 720p resolution.

⁶ 16 Channels support 1080p, 32 Channels support 720p resolution.