D-Link®
Building Networks for People

Product Highlights

Comprehensive Surveillance
Record and view footage up to 32 network cameras for either medium or large business deployment

Versatile Recording and Viewing Control
Perform smart search based on set criteria, view multiple video footage concurrently, and schedule when and for what events to record

Convenient and Easy To Use
Simple HDMI and VGA interface allows extensive actions to be taken on viewing, recording, adjusting cameras

DNR-F4108/ F4216/ F4432

8CH/ 16CH/ 32CH Professional Network Video Recorder (NVR)

Features

Trustworthy Surveillance
- Reliable network video recorder for home and business
- View real-time and recorded video of all 8/16/32 cameras from anywhere at your home or office, or remotely via the Internet Convenient Interface
- User-friendly interface provides simultaneous live view, recording, and playback
- Continuous or scheduled recording with automatic overwrite function

Convenient Interface
- Effortless network camera setup and management with HDMI and VGA ports
- User-friendly interface provides 8/16/32 channels of simultaneous live view, recording, 4 channel playback and single camera PTZ at a time
- Continuous or scheduled recording with automatic overwrite function

Flexible and Scalable
- Stand-alone device: Eliminates the need for a dedicated PC
- Supports Onvif network cameras
- Power fail recovery recording

D-Link's Professional Network Video Recorder (NVR) offers a comprehensive video display, storage*, and management solution. These NVR provides reliable high quality remote monitoring functionality that is much more cost-effective than conventional surveillance systems.

Live Monitoring and Camera Adjustment

D-Link's intuitive GUI interface simplifies viewing live and recorded video from the NVR. The camera status page shows connection and recording status, along with frame rate and bit rate information for each camera. Users are provided with a variety of options for viewing and organizing camera footage on-screen. For a system with multiple channels, users can simply click cameras to view live video. Camera names and recording status are displayed via OSD (On Screen Display) to aid in identification. Presets from within the interface can be set to instantly restore a previously saved view. A single camera may be viewed full screen. Users can control pan/tilt/zoom (PTZ) functions from interface using provided interface buttons.

Extensive Recording Functionality

A clear single-page interface assists with configuration including compression, resolution and frame rate for connected cameras. The NVR records video up to 8/16/32 network cameras simultaneously. Once cameras have been set up, a highly configurable scheduling system allows for continuous recording / Schedule recording or Event based recording. Each camera can be set to record independently at preset intervals. The NVR can be configured to overwrite the oldest data automatically when HDD space runs out, allowing for continuous and uninterrupted recording.

*Media to be purchased separately

Convenient and Reliable & Secure Storage

Complete video management and the ability to playback and record new video simultaneously, these NVR are extremely convenient and effective video recorder.

D-Link NVR ensures the security and integrity of IP camera footage. Administrators may filter external connections to the NVR by restricting IP address- for limiting access and thus increasing security. Recorded data is stored in a secure database.

Complete Network Functionality

The D-Link NVR takes advantage of existing network architecture, using features such as PPPoE services. The NVR can acquire an IP address from a DHCP server to become easily searchable during installation. Dynamic DNS is supported for systems operating without a fixed IP address. The NVR can then be accessed from the Internet using an easy-to-remember domain name provided by the DDNS service. Maintaining an accurate record of time is essential if recorded data is to be used as evidence. To ensure that the recorded time is always accurate, the NVR has RTC to update the system clock from an Internet server using the Network Time Protocol (NTP).

Powerful Event Management

The NVR centrally controls the e-mail notifications, and recording for all the connected cameras. Input triggered from camera events can additionally be monitored. These events will be logged, with notifications via e-mail. Users can set up multiple contact lists for event notification. A straightforward logging system organizes events by date for easy recall.

Technical Specification

General

Standards	• IEEE 802.3/u/z	• SATA II, III
Two Reset Modes	• Reset Web GUI	• Reset from local display GUI

Performance

I/O Ports	• RJ-45 port
	• DC-in jack
	• One HDMI supporting resolution -
	  1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz
		• 2 x 2.0 USB Host
		• Audio input x 1, output x 1
		• One VGA supporting resolution -
		  1920x1080/60Hz,1280x720/60Hz,1024x768/60Hz

OS	• Linux	
Supported Cameras	• Supports Onvif network cameras	
System Requirements for Web Interface	• Browser: Internet Explorer, Firefox	

	DNR-F4108	DNR-F4216	DNR-F4432
Flash ROM	• 128MB	• 128MB	• 128MB
RAM	• 512MB DDR III	• 1024 MB DDR III	• 1024 MB DDR III
Storage Capacity	• 4 TB	• 8 TB	• 16 TB
No of bays	• 1	• 2	• 4
Alarm I/O	• N/A	• 2CH Alarm input, 2CH Alarm output	• 1CH Alarm output, 1CH Alarm input
Audio I/O	• 1CH MIC input, 1CH MIC output	• 1CH MIC input, 1CH MIC output	• 1CH MIC output, 1CH MIC input
RJ45	• 1 RJ45 10/100M	• 2 RJ45 10/100/1000M	• 2 RJ45 10/100/1000M

Technical Specification

	DNR-F4108	DNR-F4216	DNR-F4432
Power Supply	• DC 12V ,Max Input 24W	• DC 12V ,Max Input 36W	• AC110/220V,47-63Hz ,Max input 200W
Power Consumption	• Max 10W (without HDD, USB)	• 10W (without HDD, USB)	• Max 15W (without HDD, USB)
Operating Temperature	• 0°C~ +45°C	• -10 °C ~ +45 °C	• -10°C~ +45°C
Operating Humidity	• 0% - 90% RH	• 0% ~ 90% RH	• 0% - 90% RH
Chassis	• Smart 1U	• Mini 1U	• 2U
Product Dimensions	• 255x235x47.5mm	• 372x311x44.5mm	• 440x435x89.8mm
Product Weight	• <870g	• <4.5Kg	• 6.8kg
Recording Performance	• Resolution- 6MP/5MP/4MP/3MP/ 1080P/720P/D1/VGA/CIF/QCIF • Throughput - 80Mbps (main stream 64Mbps ,sub stream 16Mbps)	• Resolution - 6MP/5MP/4MP/3MP/ 1080P/960P/720P/D1/VGA/CIF/QCIF • Throughput - 160Mbps, (main stream 128Mbps, sub stream 32Mbps)	• Resolution - 6MP/5MP/4MP/3MP/ 1080P/960P/720P/D1/VGA/CIF/QCIF • Throughput - 192Mbps, (main stream 144Mbps, sub stream 48Mbps)

Software

Audio and Video Recording	• Synchronized audio & video recording
Compression Format	• H.264
Video Setting	• Resolution, quality, frame rate, enable audio
Recording Type	• Record by schedule, manual, and event-based recording
Live View	• HDMI and VGA • Supported via browser
Live View Control	• Live view, preset/go, patrol, focus, PTZ functions, snapshot, full screen, digital zoom
Playback	• Supported via browser and HDMI/VGA
Playback Control	• Playback with normal, fast forward/rewind and step forward/rewind • Digital zoom
Overwrite Recording	• Auto recycling when disk storage is full
File Export	• Raw format
User Account	• Additional accounts can be created to allow users system access
DDNS	• DDNS client support
System Time	• Set the system time (NTP input time, sync with computer, Daylight Saving Time)
Network Service Protocols	• IPV4,ARP, TCP, UDP, ICMP • HTTP & HTTPS • DHCP Client • IP filtering • NTP Client • UPnP • DNS Client • SNMP • DDNS Client • Multicast • SMTP Client • SMTP • PPPoE
User Interface	• HTTP Web browser • Multiple Language GUI • HDMI/VGA Local Display
Event Managemet	• Events - Motion Detection, Video loss, Disk space full • Alert - Email
DCMS System Requirement	• Operating System: 32 Bits - MS Windows XP pro SP3/Visa SPI/Win 7 SPI/ Win10 64 bits - Win 7 SPI/Win Server 2008 R2
DCMS Software Function	• Control and manage up to 64 channels
On Screen Display	• Configurable channel number, text position, date and time
Certifications	• CE • FCC

Technical Specification

Order Information

Part Number	Description
DNR-F4108	8CH Professional Network Video Recorder (NVR)
DNR-F4216	16CH Professional Network Video Recorder (NVR)
DNR-F4432	32CH Professional Network Video Recorder (NVR)

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