D-Link®
FOR BUSINESS

Product Highlights

High Resolution

4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details.

High Effieciency Video Coding (H.265)

H.265 offers compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

PoE Capability

The NVR offers PoE ports that allow IP cameras to connect directly to the NVR without purchasing a seperate PoE switch.

DNR-F4118P
8CH 1HDD NVR with 8CH PoE

Features

- Up to 8ch IP cameras access
- Easy to use Same Interface of GUI/WEB/Client
- 1 SATA hard disk up to 8TB
- 1 RJ45 10M/100M network interface
- 8CH POE Ports
- Simultaneous HD-OUT&VGA up to 4K output
- 2 x 2.0 USB Host
- 8ch Alarm In/1ch Alarm Out
- 1ch Audio I/O

Dlink DNR-F4118P is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264. Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

High Efficiency Video Coding (H.265)

The H.265 video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

D-Link CCTV App

The D-Link CCTV app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access IPC/NVR/DVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

Technical Specifications

System

Main Processor	• Dual-core embedded processor
Operating System	• Embedded LINUX

Audio and Video

IP Camera Input	• 8 Channel
Two-way Talk	• 1ch input, 1ch output

Display

Interface	• 1 HD-OUT, 1 VGA
Resolution	• HDMI: 3840×2160,1920×1080,1440×900, 1280×1024
	• VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	• 16ch D1/8ch 720P/4ch 1080P/1ch 8MP@30fps
Multi-screen Display	• 1/4/9

Recording

Compression	• H.265/H.264
Resolution	• 8MP/6MP/5MP/4MP/3MP/1080P/720P/D1 & etc.
Record Rate	• 80Mbps
Bit Rate	• 100Kbps ~ 8Mbps Per Channel
Record Mode	• Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Camera Tamper, Alarm in
Record Interval	• Post-record: 30 ~ 60 sec

Video Detection and Alarm

Trigger Events	• Recording, Buzzer, Push message, Pop up message.
Video Detection	• Motion Detection, Video Loss, Camera Tamper
Alarm In/Out	• 8/1

Playback and Backup

Sync Playback	• 8ch 720P/4ch 1080P /1ch 8MP
Search Mode	• Time /Date, Alarm, Picture grid, Event
Playback Function	• Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	• USB Device

Network

Interface	• 1 RJ-45 port (10M/100Mbps)
PoE Interface	• 8ch 100Mbps, IEEE802.3af
PoE Max Power	• 80W
Network Function	• HTTP, TCP/IP, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS,
Optical Fiber Interface	• N/A
Max. User	• Access 9 users
Smart Phone	• iPhone, iPad, Android
Interoperability	• ONVIF 2.4, SDK, CGI

Storage

Internal HDD	• 1 SATA Ports, up to 8TB for each HDD
Mounting Mode	• Embedded
eSATA	• N/A

Interface

USB	• 2 ports (USB 2.0 x2)
RS232	• N/A
RS485	• N/A
Audio I/O	• 1ch MIC in, 1ch Audio line out
Reset Button	• N/A

General

Power Supply	• DC48V/1.25A
Power Consumption	• < 5W (without HDD)
Operating Condition	• -10 ℃ ~ 45 ℃ (14 °F ~ 113 °F)
Storage Conditions	• Less than 90% RH
Certifications	• CE/FCC
Dimensions	• 255×235×47.5mm
Net Weight	• 1kg

Dimensions (mm)

255

235.1
230.9

44.45

47.45

Rear Panel

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