

4/16-Channel H.264 Digital Video Recorder



Regarding the communication of broadband becomes more and more popular, traditional CCTV surveillance system is gradually upgraded to packet switching TCP / IP network. The DVR-470 / DVR-1670 supports up to 4/16 cameras. On the other hand, it is designed to be a professional type of security device. Video data recording, remote surveillance over a secure IP network and viewing / recording / playback at the same time are key features to a full-time security application.

It also supports H.264 compress technology for the video file to be minimum file size. H.264 compress rate is 2 times of MPEG-4 that can increase the recording time in the same HDD size and let the monitor screen have better and smoothly view quality via Internet or local network.

Both the DVR-470 and DVR-1670 provides triplex DVR selection of IP surveillance products to meet more application demands. The Network DVR can be placed either in LAN or WAN connected with easy-to-remember DDNS feature. With the Plug-N-Watch capability of web browser, a network administrator or system operator can seamlessly complete network deployment in a few minutes.

In various surveillance applications via RS-485 interface, the Network DVR is capable to control most types of PTZ protocols. With integrated alarm I/O, it can detect, record and ring a siren. The Network DVR can also do motion detection / schedule recording to complete surveillance plans.

Securing content stored on hard-disk based on digital video recorder systems and providing conditional access to managing stored content; PLANET Digital Video Recorder series offer a perfect solution for both security professionals and business owners who want the unparalleled flexibility and reliability in IP surveillance field.

KEY FEATURE

- Supports maximum-4/16 channels video input. Each channel is independent
- H.264 hardware compression
- Supports 4 channels audio inputs. Each channel is independent. Ogg Vorbis compression and bit-rate is 16Kbps
- Compressing video and audio are synchronous. You can select either mixed stream or only video stream
- Supports video loop
- Supports CIF and QCIF resolution
- Supports multi area motion detection
- Supports multiple record types, included real time, manual record, motion detection, external alarm, motion and alarm
- Supports maximum 4 IDE HDDs, and each HDD can support maximum 2000GB
- Supports FAT32 file system
- Supports HDD S.M.A.R.T technology
- Supports backup the recorded files and clips. Supports USB memory, USB HDD, USB CD-RW, USB DVD-RW, IDE CD-RW and IDE DVD-RW
- Supports analog monitor and VGA output
- Supports sensitive area mask
- Supports IE to preview and configure DVR

SPECIFICATION
Product 4/16-Channel H.264 Digital Video Recorder

Model Name	DVR-470	DVR-1670
Video Compression	H.264	
Preview Resolution	PAL: 704 x 576 (4CIF), NTSC: 704 x 480 (4CIF)	
Playback Resolution	CIF / QCIF	
Video Input	4	16
Video Input interface	BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)	
Video Output	1 channel, BNC (Electrical Level: 1.0Vp-p, resistance: 75Ω)	
Video Loop Out	4	16
Total Frame Rate	PAL: 100FPS, NTSC: 120FPS	PAL: 200FPS, NTSC: 240FPS
Stream Type	Video / Video & Audio	
Max Bit Rate	32Kbps-2Mbps, self-defined	
Audio Input	4	
Audio Input interface	RCA (Linear Electrical Level, Resistance: 600Ω)	
Audio Output	1 channel, RCA (Linear Electrical Level, Resistance: 600Ω)	
Audio Compression	OggVorbis	
Audio Compression Rate	16Kbps	
Communication Interface	1 RJ45 10M / 100M Self-adaptive Ethernet Interface 1 RS232 interface 1 RS485 interface	
HDD IDE Interface	2 IDE interface, can support 4 IDE HDD and each HDD can support 2000GB or 2 HDD + IDE CD-RW / DVD-RW	
USB Interface	1 USB interface, USB1.1, can support USB flash memory, USB HDD, USB CD-RW / DVD-RW	
VGA Interface	1 VGA interface, support resolution: 800 x 600 / 60Hz, 800 x 600 / 75Hz, 1024 x 768 / 60Hz	
External Alarm In	4	16
Relay Output	2	4
Power Supply	100~240VAC, 6.3A, 50~60 HZ	
Power Consumption	20-42W (without HDD)	
Size	440 x 390 x 70 mm	
Weight	≤8Kg (without HDD and CD-RW)	

APPLICATIONS

DVR translates the traditional CCTV surveillance system into IP surveillance network

Cameras can be connected up to 16 CCTV. The DVR-1670 and DVR-470 can be deployed to monitor anywhere, day and night, or inside and outside.

With the bundled DVR utility, the manager can easily check and play back the video captured in the system.


ORDERING INFORMATION

DVR-1670	16-Channel H.264 Digital Video Recorder
DVR-470	4-Channel H.264 Digital Video Recorder

RELATED PRODUCTS

CAM-DM33-NT	Mini Dome Camera (NTSC)
CAM-DM33-PA	Mini Dome Camera (PAL)
CAM-VP38-NT	Vandal-Proof Dome Camera (NTSC)
CAM-VP38-PA	Vandal-Proof Dome Camera (PAL)
CAM-IR138-NT	15M Infrared Camera (NTSC)
CAM-IR138-PA	15M Infrared Camera (PAL)
CAM-IR30-NT	30M Infrared Camera (NTSC)
CAM-IR30-PA	30M Infrared Camera (PAL)
CAM-PT-NT	Pan / Tilt Dome Camera (NTSC)
CAM-PT-PA	Pan / Tilt Dome Camera (PAL)
CAM-PT-CTRL	Remote Controller for CAM-PT