

8/16-Channel H.264 Digital Video Recorder



Owing to the broadband communication becomes more and more popular, traditional CCTV surveillance system is gradually upgraded to packet switching TCP/IP network. The Digital Video Recorder solutions provided by PLANET Technology help to translate the traditional CCTV surveillance system into IP surveillance network. The PLANET DVR-872 / DVR-1672 are the professional security devices supporting up to 8 / 16 cameras surveillance. The key features provided to a full-time security application include video data recording, remote surveillance over a secure IP network and viewing/recording/playback at the same time.

Both the DVR-872 and DVR-1672 provide triplex DVR functions to meet more application demands. Connected with easy-to-remember DDNS feature, the network DVR can be placed either in LAN or WAN. With the Plug-N-Watch capability of web browser, a network administrator or system operator can seamlessly complete network deployment in a few minutes.

The DVR-872 and DVR-1672 support the latest digital video codec technology, H.264, which can compress the video files to minimum size. H.264 compress rate is 2 times faster than MPEG-4, therefore, it 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.

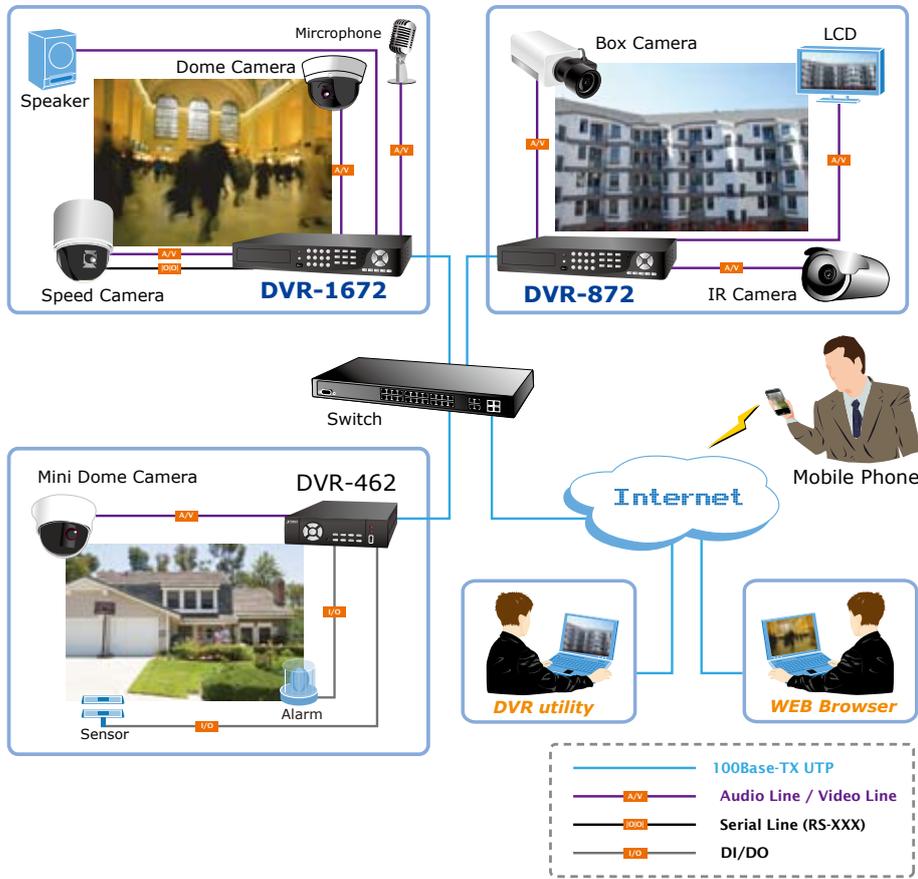
In various surveillance applications via RS-485 interface, the network DVR is capable to control most types of PTZ protocols. With integrated alarm I/O, it can ring a siren to notify the surveillance administrator when detecting an event. The network DVR can also do motion detection / schedule recording to complete surveillance plans. Besides controlled via front panel and remote controller, the network DVR can also be operated by USB mouse, which is user-friendly to every user.

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

KEY FEATURES

- H.264 compression for DVR recording and web transmission
- Graphic OSD, remote controller, USB mouse and client viewer
- Intuitive GUI for easy configuration and menu driven operation
- Supports manual / event / schedule recording
- Supports TCP/IP, DHCP, DDNS, SMTP, PPPoE network protocol
- System auto recovery after power reconnected
- Supports Multi-language OSD
- Motion detection with area selecting and sensitivity adjusting by each camera
- Email notification of event triggered: motion detection, alarm, video loss
- Watermark proof
- DVD writer (optional), USB device, and network backup
- 2 USB ports for mouse usage and backup
- Dual streaming enhances the speed of network transmission
- Built-in VGA output up to 1280 x 1024 resolution
- Individual setup of resolution, frame rate and video quality for each channel
- Still image snapshot
- AVI converter with time stamp
- H.264 compression ideal for saving HDD space
- Real time live display
- Live display, record, backup, playback and network access simultaneously
- Picture-in-picture monitoring and 2X to 8X digital zoom display
- Pan / Tilt / Zoom camera control
- Supports Internet Explorer with the same GUI as DVR site
- Central Management System (CMS) supports up to 15 DVRs
- 3G / GPRS mobile phone monitoring

APPLICATIONS



SPECIFICATION

Product	8-Channel H.264 Digital Video Recorder	16-Channel H.264 Digital Video Recorder
Model	DVR-872	DVR-1672
General		
Video System	NTSC / PAL auto detection	NTSC / PAL Switch
Video Compression	H.264	
Video Input	8 x BNC	16 x BNC
Video (Spot) Output	1 x BNC	
VGA Output	1280 x 1024	
Audio Input	4 x RCA	
Audio Output	2 x RCA	
Audio Backup	Yes	
Sensor	8 input / 1 output	16 input / 2 output
Ethernet Interface	1x RJ-45, 10/100Mbps	
USB Interface	2 x USB 2.0	
Mouse Interface	USB Mouse	
Hard Disk Device	2 x SATA hard disk (Max. 2TB) or SATA HDD x 1 + DVD writer x 1	3 x SATA hard disk (Max. 2TB) or SATA HDD x 2 + DVD writer x 1
DVD Writer	Optional	
Title	14 characters	
Video Compression	H.264	
Audio Compression	ADPCM	
Recording Resolution	NT: 720 x 480, 720 x 240, 360 x 240 PA: 720 x 576, 720 x 288, 360 x 288	
Recording Frame Rate	NT: 60, 120, 240 fps PA: 50, 100, 200 fps	NT: 120, 240, 480 fps PA: 100, 200, 400 fps
Recording Quality	Highest, High, Normal, Basic, Below Basic	

Recording Mode	Manual, Schedule, Event (motion detection/senor)	
Watermark	Yes	
Display Division	1, 4, 9	1, 4, 9, 13, 16
OSD Control	Front panel buttons, IR remote controller, USB mouse	
Multi-language OSD	Yes	
Playback Search Mode	Time, Event	
Playback Speed	Fast forward/backward 2x, 4x, 8x, 16x, 32x, 64x	
	Slow forward/backward 1/2x, 1/4x, 1/8x, 1/16x	
	Play / Pause	
Network Compression	H.264	
Network Software	Internet Explorer / CMS / 3G Mobile Phone	
Network Users	5	
Remote Notification	Email message	
Network Protocol	TCP/IP, PPPoE, SMTP, DHCP, DDNS	
Daylight Saving	Yes	
Password setup	5 users including 1 administrator	
	User authority selectable	
Event List	10000	
Log List	10000	
Watchdog	Software watchdog	
Recovery	Auto-Reboot	
Key Lock	Yes	
Motion Detection	22 x 15 (sensitivity 0~10)	
Pre-alarm	16MB (10 sec)	
Post-alarm	1-60 sec	
Client Interface	Client software and IE browser	
Camera PTZ Control	RS-485	
Backup Device	DVD-RW, USB Flash and Network	
Firmware Upgrade	USB device	
System Recovery	System auto recovery after power reconnected	
Power Source	12V DC, 5A	12V DC, 6A
Power Consumption	60W	72W
Operating Temperature	5 ~ 40 Degree C	
Dimension (W x D x H)	430 x 360 x 70 mm	

ORDERING INFORMATION

DVR-872	8-Channel H.264 Digital Video Recorder
DVR-1672	16-Channel H.264 Digital Video Recorder

RELATED INFORMATION

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-IR338-NT	30M Infrared Camera (NTSC)
CAM-IR338-PA	30M Infrared Camera (PAL)
CAM-IR442V-NT	40M Infrared Vari-Focal Camera (NTSC)
CAM-IR442V-PA	40M Infrared Vari-Focal Camera (PAL)
CAM-IR554-NT	50M Infrared Camera (NTSC)
CAM-IR554-PA	50M Infrared Camera (PAL)
CAM-IVP55-NT	15M Infrared Vandal-Proof Camera (NTSC)
CAM-IVP55-PA	15M Infrared Vandal-Proof Camera (PAL)
CAM-IVP55V-NT	25M Infrared Vari-Focal Vandal-Proof Camera (NTSC)
CAM-IVP55V-PA	25M Infrared Vari-Focal Vandal-Proof Camera (PAL)
CAM-BX42-NT	CCD Box Camera (NTSC)
CAM-BX42-PA	CCD Box Camera (PAL)
CAM-BX53-NT	Hi-Resolution CCD Box Camera (NTSC)
CAM-BX53-PA	Hi-Resolution CCD Box Camera (PAL)
CAM-ISD52-NT	23x Indoor Speed Dome Camera (NTSC)
CAM-ISD52-PA	23x Indoor Speed Dome Camera (PAL)