8/16-CH Network Video Recorder

PLANET introduces new models of Network Video Recorder (NVR) series, NVR-810 and NVR-1610, that are perfectly designed for intelligent IP surveillance system. Users can just turn on the cameras and the NVR to easily protect their life and properties under the IP networks. The recorded video files can be saved in the NVR and no need of using additional PC for files storage, which brings users a secure surveillance system with lower total cost.

Up to 8/16 IP cameras can be connected to the NVR-810 / NVR-1610 via a connected IP network. With the NVR-810 and NVR-1610, users can view remote surveillance in real time and play back recorded videos via the web browser or the bundled CMS software. The NVR-810 / NVR-1610 not only support PLANET IP cameras but also compatible with most of major IP camera brands in the market. Furthermore, the NVR-810 / NVR-1610 can automatically search and find the available cameras in the network so it greatly reduces users' effort when setting up the system.

Not just for small scale applications such as retail stores and SMB, the NVR system is expandable for multi-sites management with the bundled CMS software. For instance, the CMS software in the NVR-810 / NVR-1610 can manage up to 8 / 16 units of NVR at the same time; that means, there shall be 128 / 256 channels of IP cameras being viewed simultaneously. With multi-monitor and E-Map function, the NVR can help the administrators to monitor the surveillance system more efficiently and effectively.

The NVR-810 and NVR-1610 feature smart setup wizard program to help users easily complete the device installation. It supports web-based management interface for the administrators to remotely manage the device via web browser without any concern. It also provides the management utility for central management of the surveillance network. This state-of-the-art and powerful software / hardware in one design is considerable to fit in various network environments.

KEY FEATURES

MAIN FUNCTION

- Simultaneous Recording and Live Video Streams
- Supports M-JPEG / MPEG-4 / H.264 compressions
- Mobile Devices Remote Monitoring (iNVR Viewer)
- Auto Configuration for PLANET IP Camera
- Video resolution up to 5 Mega-Pixel (2560 * 1920)
- Support up to 480fps @ Mega-Pixel (H.264)
- Easy access with PLANTE Dynamic DNS
- Manual or Schedule Recording of 16 IP Cameras simultaneously (8 IP Camera by the NVR-810)
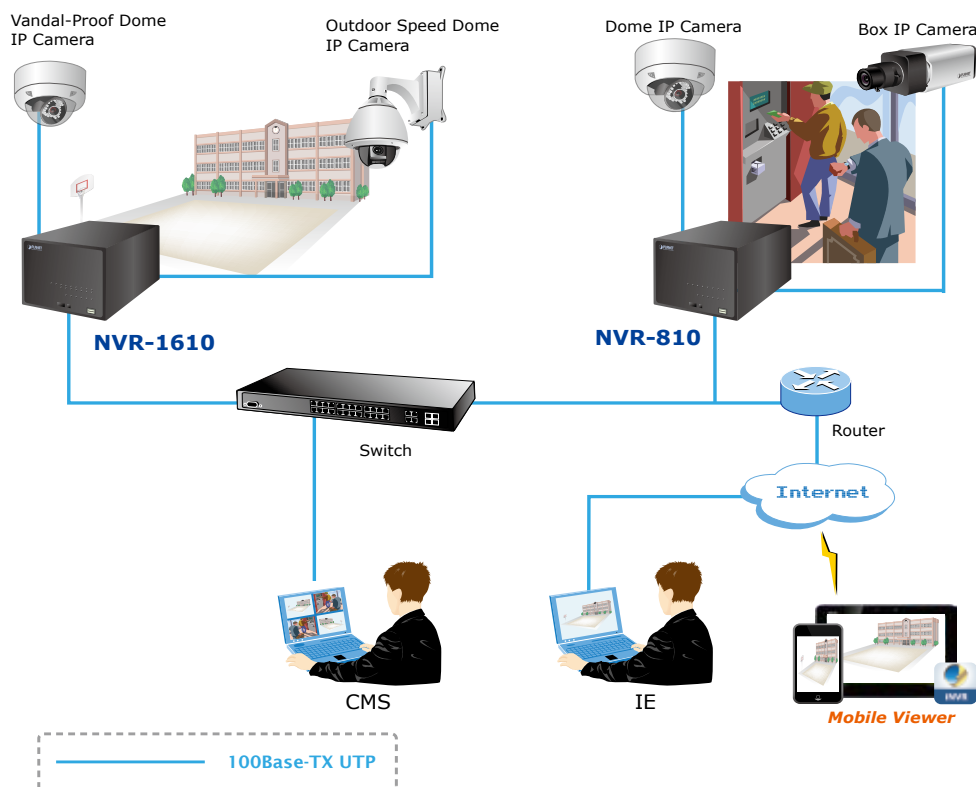
MANAGEMENT

- Up to 16 / 8 NVR, max. 256 (NVR-1610) / 128 (NVR-810) channels with the management software
- Video recycle function makes the video recording in 7/24
- Web-Based and management utility for easy configuration
- 2-Way Audio function
- E-Map interface in web and utility configuration
- Auto discover by management software
- Smart IP camera search
- Exports record video file to AVI format
- Multiple Languages support
- Supports mobile phone remote view with WinCE 6.1, Android, Symbian S60, iPhone, Blackberry 4.6

HARDWARE

- Gigabit Ethernet port
- LED indicators to display the status of connected IP cameras
- Built-in 8 x DI, 4 x DO for Event Management
- Supports external UPS (USB)

APPLICATIONS

The NVR systems can be controlled and monitored both in the local LAN and the remote site via Internet. Users can also login from their mobile phones to check the monitoring screen anywhere, anytime.

SPECIFICATION

Product	8-CH Network Video Recorder	16-CH Network Video Recorder
Model	NVR-810	NVR-1610
Video		
Compression	MJPEG / MPEG-4 / H.264	
Resolution	5 MP / HD / Mega-Pixel / FD1 / CIF / QCIF	
Max. Frame Rate	240 fps (1920 x 1080, H.264)	480 fps (1280 x 1024, H.264)
Display Mode	Live View / Playback / Full Screen	
PTZ Support	Virtual PTZ Panel / Auto Pan / Preset Point / Preset Sequence / Digital PTZ	
Sequence Mode	Sequence All Manually selected cameras in 1/4 split view with configurable timer	
Snapshot	3 continuous snapshots in JPEG format	
E-Map	Motion Detected Event Display on E-Map Google Map	
Recording Mode	Manual, Schedule, Event, Continuous	
Hardware		
Video Input	8 Channels IP Cameras	16 Channels IP Cameras
Ethernet	1 x RJ-45, 10/100/1000Base-T	
USB Interface	1 x USB 2.0 for backup device and firmware upgrade	
Storage Device	2 x 3.5" SATA II Hard Disk Connectors	
Button	Power, Reset, Buzzer	
LED Display	1 x Power 1 x Status 1 x LAN 2 x HDD 1 x Alarm 8 x IP Camera	1 x Power 1 x Status 1 x LAN 2 x HDD 1 x Alarm 16 x IP Camera

Data Sheet

Network and Configuration	
Network File Protocol	Microsoft Networks (CIFS/SMB), Internet (HTTP), FTP
Network Service	TCP/IP, DHCP, DNS, HTTP, FTP, NTP, SMTP, UPnP
Management	Web-Based Administration Network Time Protocol Multiple Users Account E-mail Notification System Log Firmware Upgrade
User Interface	Web Browser CMS Utility
Environment	
Power	100~240V AC, 1.4A / Max. 50/60Hz
Consumption	90W
Operating Temperature	0~45 Degree C
Storage Temperature	-40~70 Degree C
Humidity	0~90% (non-condition)
Weight	2.89 kg
Dimension (W x D x H)	170 x 215 x 125 mm

ORDERING INFORMATION

NVR-810	8-CH Network Video Recorder
NVR-1610	16-CH Network Video Recorder

COMPATIBLE IP CAMERA

ICA-2200	Full HD PoE Box IP Camera
ICA-3350V	3 Mega-Pixel Vari-Focal Bullet IR IP Camera
ICA-5350V	3 Mega-Pixel Vandal Proof IR IP Camera
ICA-HM101	2 Mega-Pixel PoE Cube IP Camera
ICA-HM101W	2 Mega-Pixel Wireless Cube IP Camera
ICA-HM126	H.264 Full HD Box IP Camera
ICA-HM126R	H.264 Full HD Real-Time Box IP Camera
ICA-HM127	3 Mega-Pixel H.264 Box IP Camera
ICA-HM131	H.264 Full-HD Fixed Dome IP Camera
ICA-HM131R	H.264 Real Time Full-HD Fixed Dome IP Camera
ICA-HM132	H.264 2 Mega-Pixel 20M IR Vari-Focal Dome IP Camera
ICA-HM136	H.264 2 Mega-Pixel 20M IR Vandal Proof Dome IP Camera
ICA-HM220W	Wireless H.264 Mega-Pixel PT IP Camera
ICA-HM227W	3 Mega-Pixel Wireless IR PT IP Camera
ICA-HM312	2 Mega-Pixel 25M IR Outdoor Bullet PoE IP Camera
ICA-HM316	2 Mega-Pixel Outdoor IR PoE IP Camera
ICA-HM316W	2 Mega-Pixel 11n Outdoor IR IP Camera
ICA-HM317	3 Mega-Pixel 25M IR Outdoor Bullet Poe IP Camera
ICA-HM351	2 Mega-Pixel 35M IR Outdoor Box PoE IP Camera
ICA-HM620	2 Mega-Pixel PoE Plus Speed Dome Internet Camera
ICA-HM830	H.264 2 Mega-Pixel Fish-Eye Panorama IP Camera
ICA-HM830W	2 Mega-Pixel Wireless Fisheye IP Camera
ICA-HM835	2 Mega-Pixel Vandal Proof Fish-Eye IP Camera
ICA-H610	H.264 Indoor CCD Internet Camera
ICA-H612	H.264 12x Outdoor Speed Dome IP Camera
ICA-H652	H.264 36x Outdoor Speed Dome IP Camera
ICA-107	Wired CMOS IP Camera
ICA-107W	Wireless CMOS IP Camera