4-Ch Network Video Recorder with HDMI

The PLANET NVR-420 is designed for small scale surveillance applications such as home, SOHO, SMB and retail stores. It can connect up to 4 IP cameras via a network and perform recordings and playbacks pictures from cameras in the system.

The NVR-420 provides user-friendly management interface enabling users to remotely operate the NVR, view live monitoring videos and play back the recorded videos via a web browser in the computer or any mobile devices.

The NVR system is also expandable for multi-sites management with the bundled CMS software. For instance, the CMS software in the NVR-420 can manage up to 64 units of NVRs at the same time; that means, there shall be 256 channels of IP cameras being viewed simultaneously. With multi-monitor and E-Map function, the NVR-420 can help the administrators to monitor the surveillance system more efficiently and effectively.

The NVR-420 supports HDMI interface that allows users to connect it directly to a HDMI capable HDTV / monitor. It then can be operated with the bundled remote control and mouse. The NVR-420 is compatible with most major camera brands in the market. It can automatically search and find the available cameras on the network, which greatly reduce the user's effort when configuring the system.

KEY FEATURES

VIDEO / AUDIO
- HDMI / AV local display with remote controller or mouse
- Simultaneous Recording and Live Video Streams
- Up to Full HD resolution for local display
- Supports M-JPEG / MPEG-4 / H.264 multiple compressions
- 2-Way Audio function

RECORD
- Video recycle function makes the video recording in 7/24
- Record 120fps @ 1920 x 1080
- Manual or schedule recording of 4 IP cameras simultaneously
- Exports record video file to AVI format
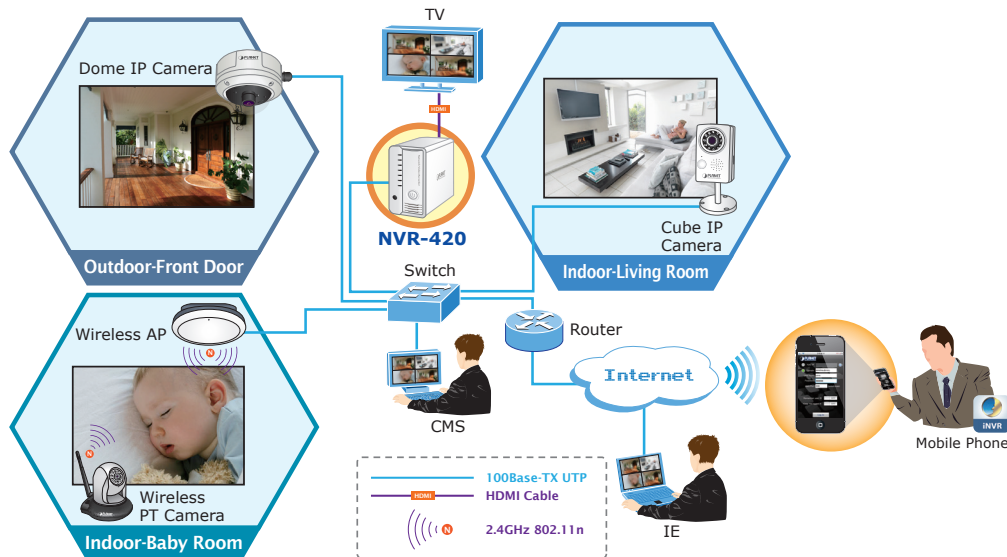
MANAGEMENT
- Web-Based and management utility for easy configuration
- E-Map interface in web and utility configuration
- Auto discover by management software
- Smart IP camera search
- Multiple languages support
- Supports mobile phone remote view with Android, WinMo, Symbian S60, iPhone, Blackberry 4.6
- Manage multiple NVR with the bundle management software

HARDWARE
- Supports Real Time Clock (RTC)
- HDMI / RCA / USB interfaces supported
- Auto power-on and recording after power recovery
- Supports 3.5" SATA x 2 HDD

APPLICATIONS

The NVR-420 can be controlled and monitored on both the local site and the Internet simultaneously. Users can also login from their mobile phones to check the monitoring screen when there is no PC available. It provides an easy and effective way to manage your surveillance system and enhance the security of your home or office environment.

SPECIFICATION

Product	4-Ch Network Video Recorder with HDMI
Model	NVR-420
Video / Audio	
Video Input	4 Channels IP Cameras
Video output	HDMI / RCA Local Display, Web Interface
Resolution	Full HD / Mega Pixel / FD1 / CIF / QCIF
Local video display	Video Streaming: H.264 / MPEG4 30fps at 1920 x 1080, H.264, 8Mbps Snapshot: MJPEG
Audio	Yes (G.711 / G.726) Web: 2-Way Local: One Way
Record	
Recording Mode	Manual, Schedule, Event
Frame Rate / Resolution	120fps at 1920 x 1080
Export File Format	AVI
Storage Device	2 x 3.5" SATA Hard Disk Connectors Max. Capacity: 4TB (2TB per HDD)
System	
Management	Web-Based Administration Local Mouse / Remote Controller Network Time Protocol Multiple Users Account E-mail Notification System Log Firmware Upgrade
User Interface	Web Browser, HDMI/AV Local Output
E-Map	Web Browser, Local Display
USB Interface	Firmware Upgrade, USB Mouse
Network	
Ethernet	1 x RJ-45, 10/100Base-TX, Auto-Negotiation
Network Service	TCP/IP, DHCP, DNS, HTTP, FTP, NTP, SMTP, UPnP
Network File Protocol	Microsoft Networks (CIFS/SMB), Internet (HTTP), FTP

Data Sheet

Hardware	
Button	Power, Reset
LED Display	1 x Power 2 x HDD 4 x Channel
Power	DC 12V, 4A, Max. 50/60Hz
Operating Temperature	5 ~ 40 Degree C
Dimension (W x D x H)	213 x 80 x 150 mm
Weight	0.8kg

ORDERING INFORMATION

NVR-420	4-CH Network Video Recorder

RELATED PRODUCT

NVR-401	4-Ch Network Video Recorder
NVR-810	8-Ch Network Video Recorder
NVR-1610	16-Ch Network Video Recorder
NVR-3210	32-Ch Network Video Recorder
NVR-3250	32-Ch Rack Mount Network Video Recorder

COMPATIBLE IP CAMERA

ICA-107	Wired CMOS IP Camera
ICA-107W	Wireless CMOS IP Camera
ICA-150W	Desktop Wireless IP Camera
ICA-2500	5 Mega-Pixel 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-HM100	Wired H.264 Mega-Pixel Internet Camera
ICA-HM100W	Wrieless H.264 Mega-Pixel Internet Camera
ICA-HM101	Wired H.264 Mega-Pixel Internet Camera
ICA-HM101W	Wireless H.264 Mega-Pixel Internet Camera
ICA-HM126	Full HD H.264 Box IP Camera
ICA-HM126R	Full HD Real-Time H.264 Box IP Camera
ICA-HM127	H.264 3 Mega-Pixel Box Internet Camera
ICA-HM131	H.264 Fixed Dome IP Camera
ICA-HM131R	H.264 Real-Time Fixed Dome IP Camera
ICA-HM136	2 Mega-Pixel 15M IR Vandal Proof Dome IP Camera
ICA-HM220W	Wireless H.264 Mega-Pixel PT IP Camera
ICA-HM227W	H.264 3 Mega-Pixel PTZ wireless Internet Camera
ICA-HM312	H.264 25M Outdoor IR Internet Camera
ICA-HM316W	2 Mega-Pixel Wireless Outdoor IR IP Camera
ICA-HM317	H.264 3 Mega-Pixel outdoor bullet Internet Camera
ICA-HM351	H.264 2 Mega-Pixel Outdoor 35M IR Internet Camera
ICA-H612	H.264 Outdoor Speed Dome Internet Camera
ICA-HM620	H.264 2 Mega-Pixel Outdoor Speed Dome Internet Camera
ICA-H652	H.264 Outdoor Speed Dome Internet Camera
ICA-HM830	H.264 2Mega-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
IVS-H120	1-Ch H.264 Interner Video Server