

32-CH Rack-mount Network Video Recorder with 8-Bay Hard Disks



Efficient Mid-range Surveillance Solution for SMBs

PLANET NVR-3280 is a rack-mount NVR, which optimizes your space utilization by controlling your systems in just 2U space on the rack. It is the new model of Network Video Recorder (NVR) series designed for IP surveillance system. Users can just turn on cameras and the NVR to easily protect their office and property under the Ethernet / IP networks. The recorded video files can be saved in the NVR and it is not necessary to use an additional PC for file storage, which brings users a secure surveillance system at a lower total cost.



Hardware

- 2U standard 19" rack-mount design.
- Gigabit Ethernet port
- E-SATA / VGA / USB interfaces supported
- Audio line-in, line out, mic port
- Supports external UPS
- Auto power-on and recording after power recovery

Video / Audio

- Simultaneous recording and live video streams
- 32-channel IP camera input
- Supports M-JPEG / MPEG-4 / H.264 multiple compressions
- Video resolution up to 5MP (2560 x 1920)
- VGA local display
- Two-way audio function (G.711, G.726)

Video Recording / Backup

- Manual / Schedule / Event recording of 32 IP cameras simultaneously
- Video recycled function with recording of videos 24/7
- 960fps at 1.3 megapixel, H.264
- Supports 8 SATA HDDs (RAID 5 / 10), up to 4TB per HDD
- 1 x E-SATA (max. 8TB)
- Exports recorded video files in AVI format

Network Service

- 2 x RJ45, 10/100/1000BASE-T
- TCP, DHCP, DNS, HTTP, FTP, NTP, SMTP, UPnP, ARP, RTSP
- Supports PLANET DDNS

Easy Installation and Management

- Web / local and management utility for easy configuration
- E-map interface in Web / Local and utility configuration
- Auto discovered by management software
- Smart IP camera search
- DI / DO port for external sensor and alarm
- Multiple languages support
- Complies with ONVIF
- Supports mobile phone remote viewer
- Manage up to 32 NVRs (max. 1024 IP camera channels) with the management software
- Supports real-time clock (RTC)

Live View and CMS Adoption

The NVR-3280 provides powerful central surveillance management capability with the adoption of its bundled Central Management Software (CMS). One NVR-3280 can manage up to 32 IP cameras via a connected IP network. With the bundled CMS, the NVR system is expandable for multi-sites management of up to 1024 surveillance channels simultaneously. With the NVR-3280, users can view remote surveillance in real time and play back recorded videos via the bundled CMS software or the Web browser. The NVR also helps the administrators to monitor the surveillance system more efficiently by providing multi-monitors and e-map function.



High Compatibility and Easy Installation

The NVR-3280 not only supports PLANET IP cameras but also is compatible with most of the major IP camera brands in the market. Furthermore, the NVR-3280 can automatically search and find the available cameras in the network and provide smart setup wizard program, so it greatly reduces users' effort when setting up the system.

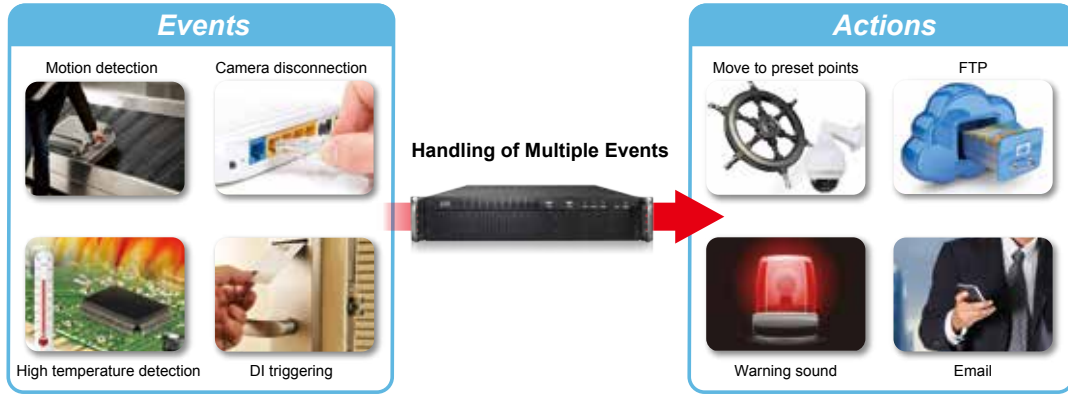
Large Storage Capacity

The NVR-3280 is suitable for various network environments. Besides small scale applications in retail stores and SMBs, the NVR-3280 offers 8 SATA HDDs supporting RAID 5 / 10 function and is able to be applied in large scale surveillance facilities, such as banks, enterprises, transportations, campuses, etc.

Applications

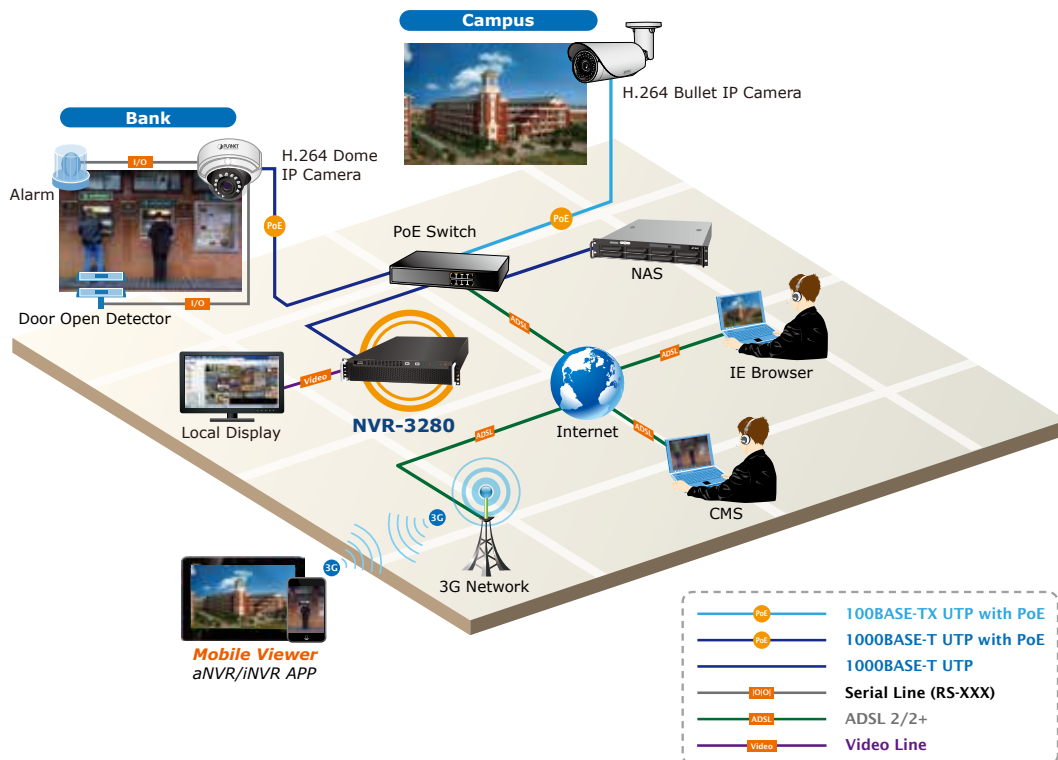
Advanced Event Management

The NVR-3280 is equipped with a smart alarm-triggering mechanism and supports various alerts and abnormal events. When it comes to a critical event, having a smart and responsive event management in place is essential for video surveillance system. This feature greatly strengthens the security and management efficiency of PLANET NVR systems.



Perfect for Indoor Surveillance Applications

PLANET 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. With VGA local display, ONVIF-compatible, CMS management, e-map and high storage capacity features, the NVR is especially perfect for indoor surveillance in such places as banks, enterprises, transportations, campus, etc.



Specifications

Product	NVR-3280
Hardware	
Ethernet	2 x RJ45, 10/100/1000BASE-T
USB Interface	6 x USB 2.0 for backup device, firmware upgrade and mouse/keyboard control
Video Interface	VGA video interface (1920 x 1080)
Audio Interface	Mic-in, line-in and line-out
Storage Device	8 x 3.5" SATA II hard disk connectors
LED	Power, System, Event
Button	Power, Reset
Camera	
Max. Channels	32-channel IP Cameras
Additional Camera	Manual / Smart Camera Search / Auto setup
Video	
Compression	H.264 / MPEG-4 / M-JPEG
Resolution	5MP / 3MP / 1080P / 2MP / SXGA / 720P / FD1 / VGA / CIF / QCIF
Video Display Frame Rate	32CH, 320fps@1.3Mp, 3Mbps, H.264 (Intel® Core™ i7 Processor)
Video Display Frame Rate (Web UI) in Recording Mode	16CH, 320fps@1.3Mp,3Mbps, H.264 (Intel® Core™ i7 Processor)
Record	32CH, 960fps@1.3MP, 4Mbps/channel, H.264 Max. throughput: 200Mbps
Audio	
Audio Type	Two-way
Audio Format	G.711, G.726 (Camera dependent)
Live View	
Display Mode	Live View / Playback / Full Screen / Sequence View
Split Screen	1 / 4 / 16 / 36 (Web), 1 / 4 (Local UI)
Full Screen	1 / 4 / 16 / 36 (Web), 1 / 4 (Local UI)
Sequence Mode	Sequence all / manually-elected cameras in split view with configurable timer
Snapshot	Video snapshot in JPEG (Web) / PNG (Local) format
PTZ Support	Digital PTZ / Auto Pan / Preset Point / Preset Point Sequence View
Playback	
Split Screen	1 / 4 / 16 (Web), 1 / 4 (Local UI)
Play Method	Play / Pause / Stop / Forward / Reverse / Speed Adjust / Frame by Frame Search by Time or Event only
Export	Exports playback videos to local computer or USB in AVI Format
Network and Configuration	
Network Service	HTTP / TCP / SMTP / DHCP / ARP / NTP / DNS / UPnP / FTP / RTSP
Streaming Protocols	Depending on the supported cameras
Triggers and Event	
Event Type	System Events <ul style="list-style-type: none"> ■ System Start ■ System Settings modified ■ Camera Settings Modified ■ Start Recycling ■ Disk Full Camera Events <ul style="list-style-type: none"> ■ Buzzer Alarm
Event Action	<ul style="list-style-type: none"> ■ Buzzer Alarm ■ Disable / Enable Event Action ■ Duration of Event Action ■ Recording ■ Mail / FTP Notification
Event Recording	Pre/post event settings
Management	
Number of Groups	7 (Administrator / Guest / User Define * 5)
Privileges	Live View / Playback / System Configurations / Camera Configurations / Recording Configuration / Event Configuration / PTZ / System Options
User Interface	<ul style="list-style-type: none"> ■ Graphic local user interface (Operated by mouse, keyboard, or USB joystick) ■ Web browser (Internet explorer 7 or above) ■ CMS Utility
Log Type	System / Event

Software Utility	Search utility / media player for recording export
Environment	
Power	100~240V AC
Consumption	400W
Operating Temperature	0~40 degrees C
Storage Temperature	-20~60 degrees C
Humidity	0~80% (non-condensing)
Weight	9.5 kg
Dimensions (W x D x H)	430 x 505 x 85mm

Ordering Information

NVR-3280	32-Ch Rack-mount Network Video Recorder with 8-Bay Hard Disks
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Related Products

CV3P-4	4-Channel Cam Viewer 3 Professional
CV3P-8	8-Channel Cam Viewer 3 Professional
CV3P-16	16-Channel Cam Viewer 3 Professional
CV3P-36	36-Channel Cam Viewer 3 Professional
CV3P-64	64-Channel Cam Viewer 3 Professional
NVR-820	8-Ch Network Video Recorder with HDMI
NVR-1610	16-Ch Network Video Recorder
NVR-3210	32-Ch Network Video Recorder
NVR-3250	32-Ch Rack-mount Network Video Recorder
CV3-M1024	1024-Channel Central Management Software