



Network Video Recorder

NVR7400 Series



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Introducing the NVR7400 Series, ADT's first high definition video recorder that can record up to 16 channels of 1080p video. The embedded NVR solution is user-friendly with easy setup using the intuitive wizard that takes you to live video in minutes. Choose from the standard 4 or 8 terabytes of storage, or upgrade to 16TB with 4 SATA hard drives. This unit offers the perfect economical and flexible solution for small to medium sized businesses.

Features

- High efficient decoding capability 16 channels up to 1080p, viewing and recording
- Dual codec decoding for H.264 and MJPEG
- View up to 16 channels simultaneously on HDMI/VGA monitor
- Max 256 Mbps incoming bandwidth
- View all channels in live and playback mode @ 720p or 1080p, full frame rate.
- Two-way audio communication
- Supports multiple brands of network cameras
- ONVIF Version 2.3 conformance
- 3D intelligent positioning with ADT PTZ camera
- Supports 2 SATA HDDs up to 8TB
- 3 USB ports (1 front, 2 rear), USB 2.0
- Multi remote monitoring options: Web Browser, ADT VideoView (PC only), ADT VideoView mobile (iPhone, Android) and VideoView HD (iPad) free of charge

Ordering Information

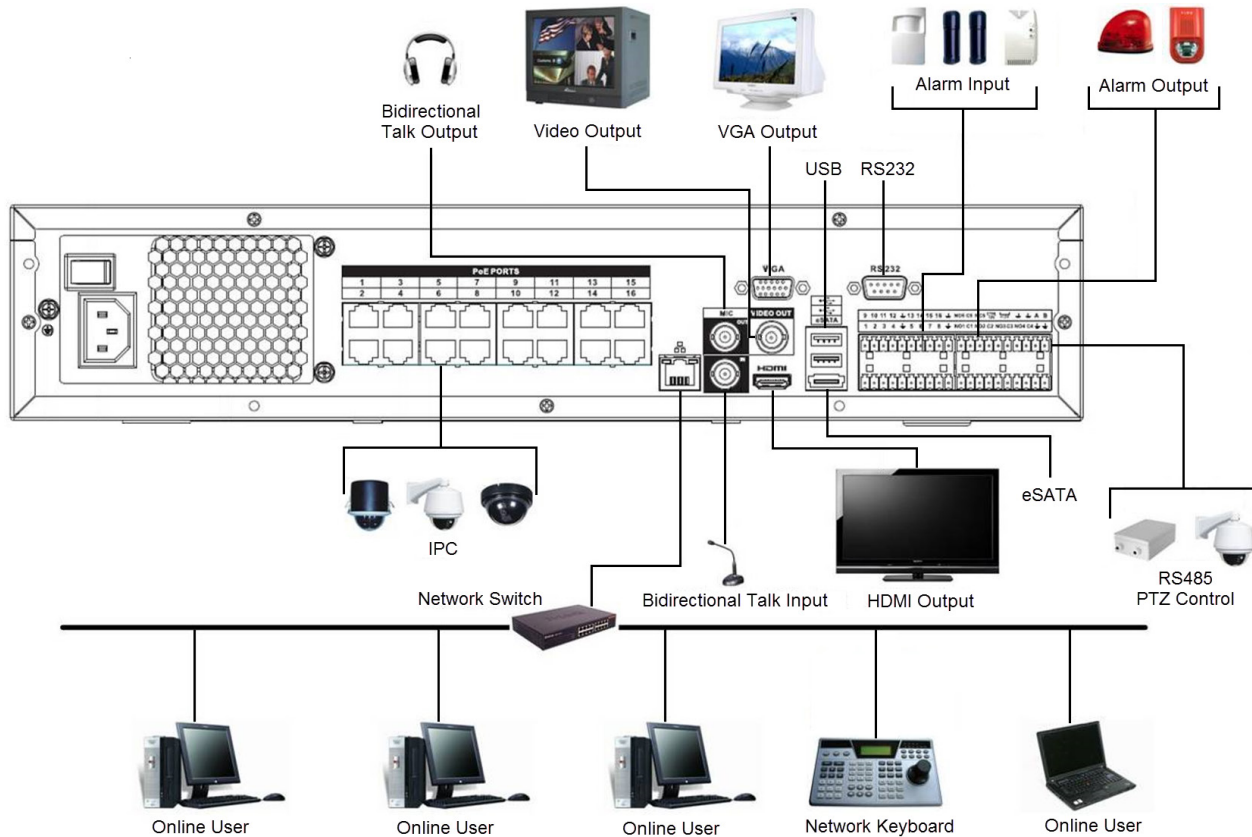
SCN	Description
NVR7416-16P-ADT-4	16 Channel 1.5U 16 PoE Network Video Recorder with 4 TB HDD
NVR7416-16P-ADT-8	16 Channel 1.5U 16 PoE Network Video Recorder with 8 TB HDD



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System Connections



Model NVR7416-16P shown in above figure

Specifications

System	
Main Processor	Dual-Core embedded processor
Operating System	Embedded Linux
Video	
Camera Inputs	16 channels
Audio	
Two-way Talk	1 channel input, 1 channel output, BNC
Monitor Output	
Interface	1 HDMI, 1 VGA, 1 BNC
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Display Grids	1/4/8/9/16
On Screen Display	Camera Title, Time/Date, Video Loss, Camera Lock, Motion Detection, Recording



Specifications...continued

Recording	
Video Compression	H.264 / MJPEG
Resolution	1080p (1920x1080); 720p (1280x720); D1 (704x576/704x480)
Record Rate	200 Mbps
Bit Rate	48 ~ 8192 Kbps
Record Mode	Manual, Schedule (Regular [Continuous], MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~ 30 sec, Post-record: 10 ~ 300 sec
Video Detection and Alarm	
Trigger Events	Recording, PTZ (Tour, Preset), Alarm, Video Push, Email, FTP, Buzzer, Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 x 18), Video Loss, Camera Blank
Alarm Inputs	16 channels
Relay Outputs	5 channels
Playback and Backup	
Sync. Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD and Exact Search (accurate to second), Smart Search
Playback Functions	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network/ Internal SATA burner/External eSATA
Network	
Ethernet	RJ-45 port (10/100/1000Mbps)
PoE Ports	16 ports (IEEE802.3at)
Network Functions	HTTP, TCP/IP, IPv4/IPv6, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search (supports ADT IP cameras, DVR, NVS, etc.)
Max User Access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	4 SATA ports, up to 16TB
External HDD	eSATA port, up to 16TB
Auxiliary Interfaces	
USB	3 ports (1 front, 2 rear), USB 2.0
RS232	1 port, for PC communications and Keyboard
RS485	1 port, for PTZ control
General	
Power Supply	100 ~ 240 VAC, 50/60 Hz
Power Consumption	NVR: 40 W (without HDD) / PoE: 15 W (each)
Environment	14°F ~ 131°F (-10°C ~ +55°C); 10% ~ 90% RH
Dimensions	1.5U: 17.32 x 16.02 x 2.76 in (440 x 407 x 70 mm)
Weight	11 lb (5 kg) without HDD