NVR7816/7832/7864-16P

16/32/64CH 2U 16PoE Network Video Recorder

Features

> Up to 16/32/64 channel IP cameras connection
> H.264/MJPEG dual codec decoding
> Max 256Mbps incoming bandwidth
> HDMI/VGA simultaneous video output
> 16/32 channel synchronous realtime preview, GRID interface
> Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
> ONVIF Version 2.3 conformance
> 3D intelligent positioning with Dahua PTZ camera
> Support 8 SATA HDDs up to 32TB, 4 USB2.0
> Support IPC UPnP, 16 PoE ports
> Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

NVR7816/7832/7864-16P

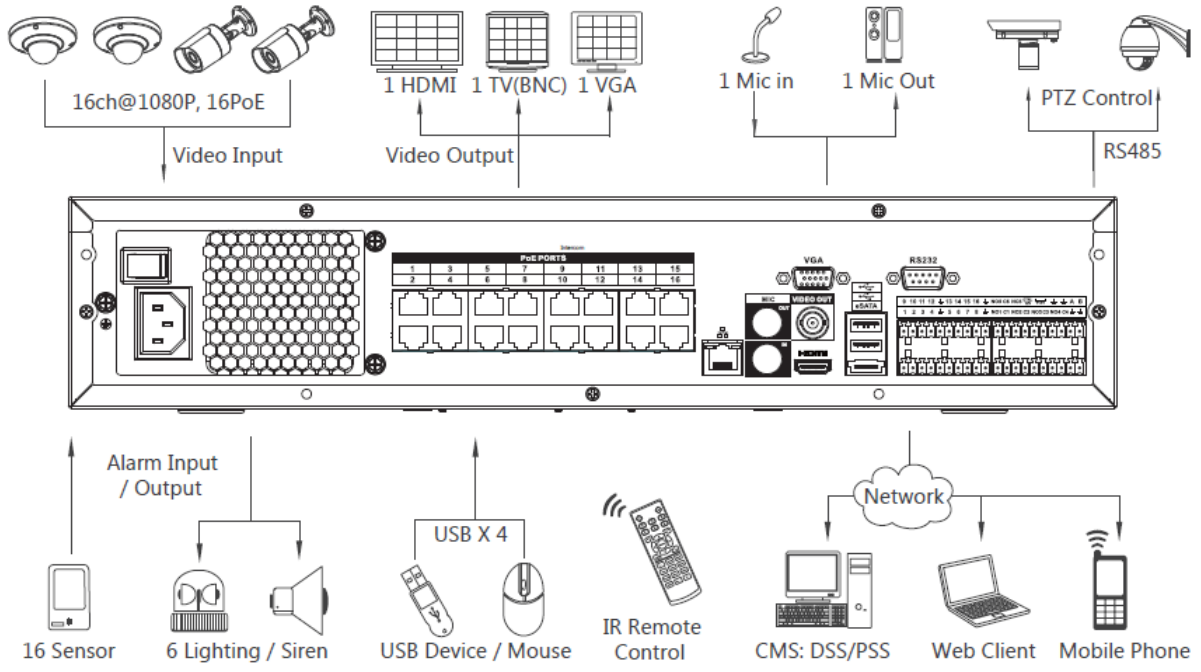
Technical Specifications

Model	NVR7816-16P	NVR7832-16P	NVR7864-16P
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video & Audio			
IP Camera Input	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
Interface	1 HDMI, 1 VGA, 1TV		
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9/16	1/4/8/9/16/25/36	1/4/8/9/16/25/36
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Compression	H.264/MJPEG		
Resolution	1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) & etc.		
Record Rate	192Mbps		
Bit Rate	48~ 8192kbps		
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 & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips		
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input	16 channel	16 channel	16 channel
Relay Output	6 channel	6 channel	6 channel
Playback & Backup			
Sync Playback	1/4/9/16	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		
Playback Function	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/eSATA Device/Internal SATA burner/Network		
Network			
Ethernet	1 RJ-45 port (10/100/1000Mbps Adaptive)		
PoE	16 ports (IEEE802.3af)		
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB		
External HDD	1 eSATA port		

DH-NVR7816/7832/7864-16P

Auxiliary Interface	
USB	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100V~240V, 50/60 Hz
Power Consumption	NVR: 75W (without HDD) PoE: Max 15W (each)
Working Environment	-10°C~+55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	2U, 440mm×460mm×89mm
Weight	6KG (without HDD)

System Connection



* Takes NVR7864-16P as an example