

## DH-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 2.2 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

# DH-NVR7816/7832/7864-16P

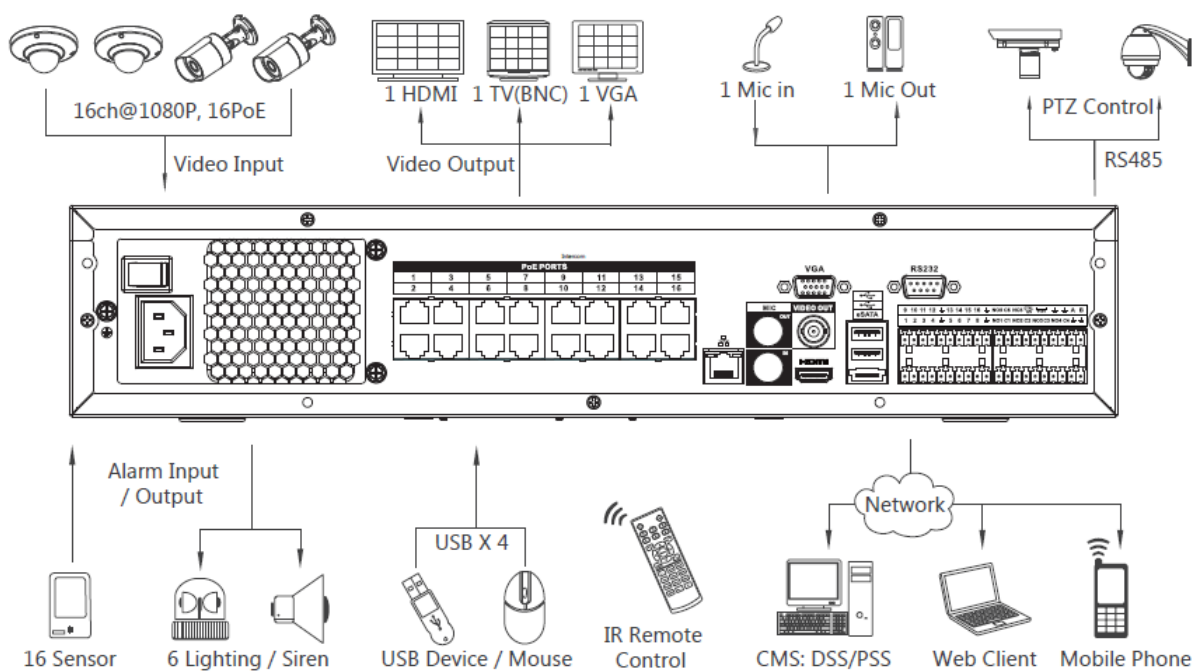
## Technical Specifications

Model	DH-NVR7816-16P	DH-NVR7832-16P	DH-NVR7864-16P
<b>System</b>			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
<b>Video &amp; Audio</b>			
IP Camera Input	16 channel	32 channel	64 channel
Two-way Talk	1 channel Input, 1 channel Output, BNC		
<b>Display</b>			
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	1/4/8/9/16/25/36/64
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
<b>Recording</b>			
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		
<b>Video Detection &amp; Alarm</b>			
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
<b>Playback &amp; Backup</b>			
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		
<b>Network</b>			
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		
<b>Storage</b>			
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB, Raid (redundancy)		

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External HDD	1 eSATA port
<b>Auxiliary Interface</b>	
USB	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
<b>General</b>	
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

### Dahua Technology Co., Ltd.

1199' BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuasecurity.com

\*Design and specifications are subject to change without notice.

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