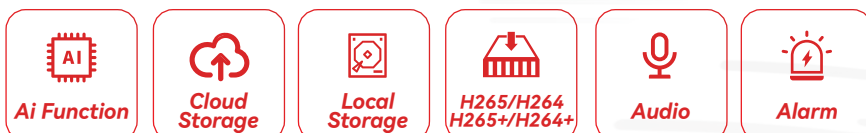
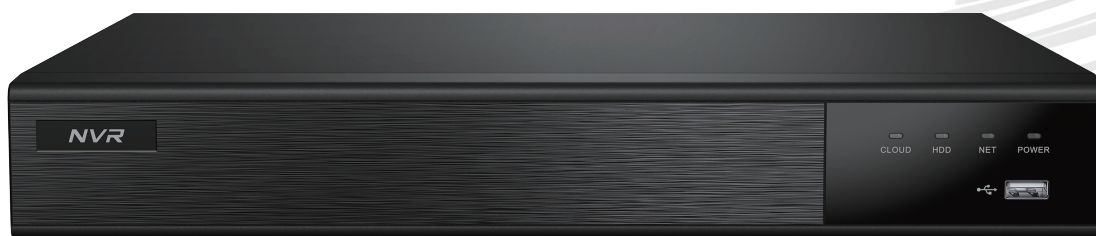


16CH AI NVR with 16CH PoE

NVR3316K2P16H-S



- Video Input: 16CH
- Alarm: 4CH Input/1CH Output
- Motion Detection: 16CH
- AI Function
- Up to 16MP Resolution Recording
- H265/H264/H265+/H264+
- 2 SATA HDD Up to 10 TB capacity for each HDD



Video

Input	16CH(16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/D1/CIF)
Output	1*HD,1*VGA

Audio

Input	1 Port RCA, support 16CH IPC audio input
Output	1 Port RCA(Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression standard	G711A,G711U,AAC,MP2L2
Intercom	support (two-way)

Alarm

Sensor Input	4CH
Output	1CH
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center, Alarm Output

Display

HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	1920x1080,1280x1024,1280x720,1024x768
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm

Event

Smart Event	Intrusion Detection, Line Crossing Detection, Loitering Detection, People Gathering Detection, Illegal Parking Detection, Region Entrance, Region Exiting, Line Crossing Count, Abandoned Object Detection, Removed Object Detection, Heat Map, Fire Detection, Video Metadata, Licence Plate Detection, License Plate Recognition(LPR), Face Detection, Face Recognition
Nomal Event	Motion, Tampering, Video Loss, Alarm Input/Output, Audio Detection, Scene Change, PoE Overload

Recording

Video Compression	H265/H264/H265+/H264+
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/D1/CIF
Record Rate	16MP@1CHx25fps, 12MP@2CHx30fps, 4K@4CHx30fps, 5MP@6CHx30fps, 4MP@8CHx30fps, 3MP@10CHx30fps, 1080P@16CHx30fps
Record Mode	Manual\Timer\Motion Detection\Alarm\Event

Playback & Backup

Local Sync Playback	1CH 16MP@25fps, 2CH 12MP@30fps, 4CH 4K@30fps, 6CH 5MP@30fps, 8CH 4MP@30fps, 10CH 3MP@30fps, 16CH 1080P@30fp
Decode Capability	1080P@480fps
Remote Sync Playback	YES
Search Mode	Image , Face , Behavior , Motor Vehicle , Non-Motor Vehicle , Search, General Search, People Counting Reports
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network

Network

Interface	1 x RJ45(10M/100M/1000M Adaptive Ethernet Interface)
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	160Mbps
Network Functions	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4
Onvif	Profile S, Profile T, Profile G, Profile M
Web Browser	Edge, IE8-11, Google Chrome, Firefox, Safari
CMS Software	Support Windows 10/Windows 11/MAC OS
Cloud Support	Yes
Smart Phone	iPhone, Android
POE	16 x Independent 100Mbps POE Network Interfaces(Output Power AT mode 30W per Interface, AF mode 15W per Interface), 45/78 line order, Total Power Output≤ 200W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	N/A

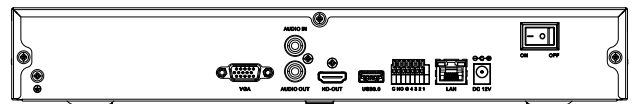
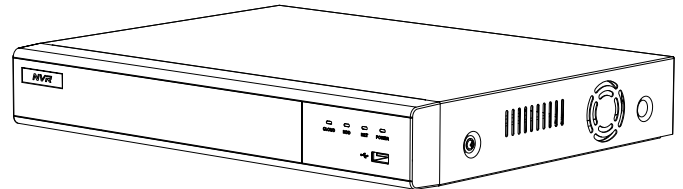
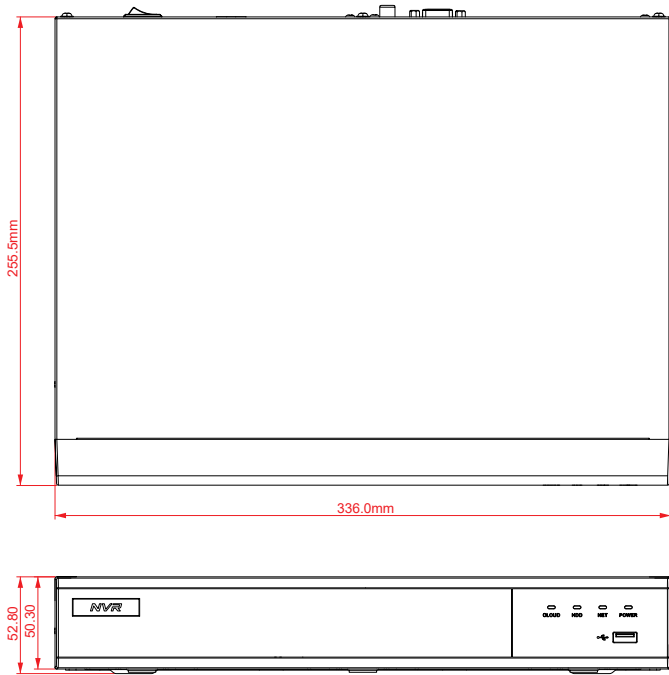
Storage

Interface Type	2 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 16 TB capacity for each HDD
eSATA	N/A

General

Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Japanese, Ukrainian, Kazakh, Hebrew
USB Interface	Front panel: 1×USB 2.0; Rear panel: 1×USB 3.0
RS485	N/A
Power consumption	DC48V/3.75A ≤20W (Without Hard Disk)
Working Environment	-10℃～55℃, 10%～90%(humidity)
Product Dimension(W×D×H)	336X256X53(mm)
Net Weight	1.4kg(without HDD)
Gross Weight	3.0kg(without HDD)

Dimensions (mm)



Connection Diagram

