

## Ni26-16016H8 / Ni26-16032H8 / Ni26-16064H8 4K AI-Powered Network Video Recorder (16-Bay)



### High Geared and Large Capacity

Up to 64 channels

High decoding capability for  
4 x 4K @ 30fps /  
16 x 1080p @ 30fps

High-speed inbound and  
outbound bandwidth

Simultaneous access up to  
16 users

Storage capacity up to  
128TB

### Easy Installation

Built-in DHCP server with  
self-organizing network

### High Reliability with In-Depth Analysis

Linux embedded system

RAID 0/1/5/6/10

Automatic Network  
Replenishment (ANR)

Loss Packet Recovery

Integrated with machine  
learning algorithms

Real time multiple face  
detection and recognition

Face image searching  
function (up to 50,000 face  
images database)

### Other Highlights

HDMI / VGA output  
simultaneously with different  
content

E-Map, bi-directional audio,  
broadcasting, Network  
Address Translation (NAT)

Event trigger, response and  
notification

ID Station, supports 128  
NVR simultaneously

Simultaneous  
multi-screening  
(4 x Live viewing,  
1 x E-Map)

## TECHNICAL SPECIFICATIONS

### VIDEO RECORDING AND INPUT

<b>IP Camera Input</b>	Model & Supported Channels: <ul style="list-style-type: none"> <li>Ni26-16016H8 – 16 channels</li> <li>Ni26-16032H8 – 32 channels</li> <li>Ni26-16064H8 – 64 channels</li> </ul>
<b>Inbound Bandwidth</b>	Model & Bandwidth: <ul style="list-style-type: none"> <li>Ni26-16016H8 – 160Mbps</li> <li>Ni26-16032H8 – 320Mbps</li> <li>Ni26-16064H8 – 420Mbps</li> </ul>
<b>Resolutions</b>	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
<b>Compression</b>	H.265, H.264
<b>Compatibility</b>	Onvif, RTSP
<b>Bit rate</b>	64kbps - 16384kbps
<b>Recording Mode</b>	Manual, Continuous, Schedule, Pre & Post Event
<b>Supported Features</b>	Event Trigger, Tagging, Automatic Network Replenishment (ANR)

### LIVE STREAMING

<b>Local Display</b>	1 x HDMI, 1 x VGA, simultaneously output with different content
<b>Local Display Layout Mode (Main / Sub)</b>	1/1, 4/4, 1+5/1+5, 1+7/1+7, 9/9, 16/16
<b>PC Client Multi-Screen Display</b>	Up to 4 screens simultaneously: 1 - 64 x multiple layouts
<b>E-Map</b>	Live viewing on E-Map (ID Station)
<b>Live View Control</b>	E-PTZ / Scheme (ID Station)

### SEARCH AND PLAYBACK

<b>Recording Search</b>	Search by date, time and event
<b>Playback &amp; Synchronized Playback (PC Client)</b>	4 streams x 4K at 30fps / 16 streams x 1080p at 30fps
<b>Playback &amp; Synchronized Playback (Web Client)</b>	Up to 16 streams x 4K at 30fps
<b>Playback Control</b>	Slow forward / fast forward / loop / frame-by-frame / E-PTZ / time slice

### RECORDING STORAGE

<b>Internal</b>	Max. 16 x 3.5" HDD Max. capacity per HDD: 8TB RAID: Supported RAID 0/1/5/6/10
<b>External (Optional)</b>	Max. 10 x IP SAN (iSCSI) Max. capacity: 100TB
<b>Function</b>	Disk group / disk quota / disk dormancy / database of face images

### AUDIO

<b>Audio Capability</b>	Compression: G.711a/ G.711u/ ADPCM/ G.722/ AAC-LC/ G.722.1c  Bitrate: 32kbps - 64kbps  Audio Streaming: bi-directional / mute and dumb / broadcasting
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### ALERT AND NOTIFICATION

<b>Service Alarm Triggers</b>	Input alarm / video lost / motion detection / tamper detection / guardline and guard area detection/ defocus detection / suspicious incident (object left/ missing object)/ scene change detection/ crowd detection / audio surge / face matching
<b>System Alarm Triggers</b>	Device disconnected / network disconnected / no disk space / low disk space for recording and snapshot / disk read error / IP and MAC address conflict detected / low bandwidth
<b>Event Triggers</b>	Snapshot / recording / PTZ preset / buzzer / email / connect to client / alarm caption / live view pop-up / connect to video wall / connect second monitor/ full screen mode

### VIDEO ANALYTICS

<b>Face Tracking</b>	Real-time / post-event import
<b>Search Mode</b>	Search by date and time / search by camera / face images database searching & matching
<b>People Counter</b>	Supported

### SYSTEM

<b>Operating System</b>	Linux Embedded
<b>User Account Management</b>	Admin / User
<b>User Access Management</b>	User login / user activity log / alarm / backup / update
<b>Application Programming</b>	ID Station SDK
<b>Max. Number of AI Camera</b>	8 channels of AI cameras
<b>Face Images Database</b>	Up to 32 libraries with 50,000 pictures



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NETWORK	
<b>Supported Protocols</b>	IPv4, IPv6, TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SNMP, VSIP, UPNP, SMTP
<b>Operating Software</b>	CMS (ID Station) / Web Browser/ iOS app / Android app
<b>Max. User Access</b>	16 Users
<b>Outbound Bandwidth</b>	384Mbps
<b>Function</b>	Network Address Translation / Multiple Network Access Point / Lost Packet Recovery / Self-Organizing Networks
<b>Network Test</b>	Supported

CONNECTORS	
<b>Network Connectivity</b>	RJ-45 Connector with 3 x Gigabit network port
<b>Video Out</b>	2 x HDMI (up to 3840 x 2160 at 60Hz) 1 x VGA (up to 1920 x 1080 at 60Hz)

CONNECTORS	
<b>Audio In / Out</b>	1 x RCA input 1 x RCA output
<b>Alarm In / Out</b>	2 x Inputs 2 x Outputs
<b>Control</b>	1 x RS485 1 x RS232
<b>USB</b>	2 x USB2.0 2 x USB3.0

GENERAL	
<b>Operating Conditions</b>	Temperature: -10°C ~ 55°C / 14°F ~ 131°F Humidity: 10% to 85%
<b>Power</b>	100 - 240V AC, 50 - 60Hz, Max 25W (HDD not included)
<b>Weight</b>	20kg / 44lb (HDD not included)
<b>Dimensions</b>	483 x 500 x 156mm / 19.02" x 19.69" x 6.14"



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