

# ND9426P

Core+ AI 16-Channel NVR with Embedded PoE

H.265/H.264 • 4K Display • 16 x PoE Port • RAID 0, 1 • Deep Search

## Technical Specifications

### Device

Model	ND9426P
Watchdog	Hardware + Software
Power Restoration	System Restart Automatically after Power Recovery
Reset Button	YES

### Display

LiveView Display	16 Channels Multi Layout Display: 1x1, 2x2, 3x3, 4x4, 1M+5, 1M+12, 1P+3, 1P+6, 2P+3, 3V
Video Output	HDMI x1, VGA x1
Display Resolution	3840x2160, 1920x1080, 1280x720 HDMI up to 3840 x2160, VGA up to 1920 x1080p
Fisheye Dewarp	Local: 1O, 1P, 1R, 1O3R, 1O8R, 1P3R Web: 1O, 1R, 1P
PTZ Operation	Direction Control, Home, Iris, Preset, Patrol (Group)

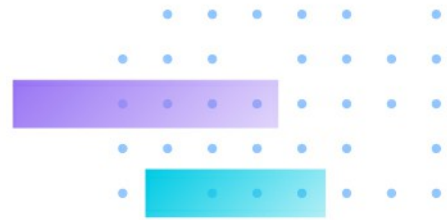
### Video

Video Format	MJPEG, H.264, H.265
Graphic Decoder	Hardware decoding
Decoding Resolution	Up to 7680x2560
Decoding Capability	H.265/H.264: 3840x2160 @ 120 fps (4-CH) 1920x1080 @ 480 fps (16-CH)

### Audio

Audio Format	G.711, G.726
Audio In/Out	3.5 Phone Jack Audio Output x1 3.5 Phone Jack Audio Input x1

### Record



Recording Time (sec.)	Pre-Record: 5 (Max. 10) Post-Record: 20 (Max. 300)
Recording Throughput	192 Mbps
Recording Mode	Continuous, Schedule, Manual, Event
Recording Setting	Recycle (unit: Day)

### Storage & Backup

HDD Devices	Internal x2 (3.5")
RAID	RAID 0, 1
Disk Management	Create, Format and Remove Disk HDD S.M.A.R.T
External Storage	USB Storage (USB 3.0)
Video Clip Export	USB Dongle (FAT Format)
Schedule Backup	FTP

### Playback

Playback Display	4 Channels Multi Layout Display
Playback Control	Regular (Play, Pause, Stop), Rewind, Next / Previous Frame, Speed Control, Calendar, Event, Timeline, Timeline Scale, Thumbnail (Storyboard)
Video Search	By calendar, date/time, and alarm
Thumbnail Explorer (Storyboard)	Listing the thumbnail of recorded video (Max. 2 CH)
Snapshot	JPEG
Video Clip Export	Supported

### Network

Ethernet	10/100/1000Mbps Ethernet (RJ-45) x2
Network Throughput Input/Output Total	224Mbps
PoE	802.3at/af compliant PoE ports x 16 (total Max. 200W)
PoE Management	Supported
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, DDNS

### External Interface

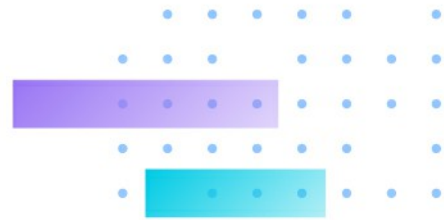
USB	Front x1 (USB 3.0) Back x2 (USB 2.0)
Alarm In	4
Alarm Out	1
Audio	3.5 Phone Jack Audio Output x1 3.5 Phone Jack Audio Input x1 (reserved)

### System

Camera Integration	ONVIF Profile S
Event	Motion Detection, Smart VCA Event, Cyber Attack, PIR Detection, Tampering Detection, Camera DI/DO, Camera Disconnected, Disk Failure, Disk Full, NVR DI/DO, PoE error
Event Action	Video recording, email with snapshot, buzzer, PTZ, FTP, DO (camera, system), full screen, send to CMS, VIVOCLOUD APP Notification
User Management	User level: administrator, regular user
Log	System, Recording, User, Error
Date & Time	Time Zone, Manual, Automatic Sync NTP, Daylight Saving Time
Language	Czech, English, French, German, Italian, Japanese, Korean, Portuguese, Polish, Russian, Spanish, Simplified Chinese, Traditional Chinese, Arabic

### Deep Search

Object Search	People, Vehicle
Scene Search	Line crossing, Intrusion, Loitering
Attribute Search	People: Gender, Age, Clothing Color, Accessories Vehicles: Type, Color



### Advanced Features

VCA Counting Solution	Supported
VCA Event Search	Supported
Smart Search II	Supported
Trend Micro IoT Security	Supported
Cybersecurity Management	Supported

### Remote Client

Software AP	Shepherd, VSS (VAST Security Station)
Mobile/Tablet App	iViewer (Android & iOS)
Web Browser	Chrome
VIVOCLOUD	Supported

### General

Power Input	100-240V AC, 50/60Hz
Power Consumption	Max. 270 W
Dimensions	365 (W) x 315 (D) x 44 (H) mm
Weight	2.78 kg
Operating Temperature	-10°C ~ 55°C (14°F ~ 131°F)
Humidity	0 ~ 95%
Safety Certifications	CE, FCC, VCCI, C-Tick, UL, CB, BSMI, BIS
Warranty	36 months