

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

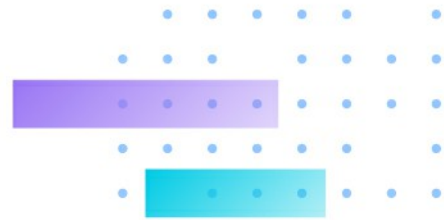
USB	Front x1 (USB 3.0) Back x2 (USB 2.0)
Alarm In	4
Alarm Out	1
Audio	3.5 Phone Jack Audio Output x1 3.5 Phone Jack Audio Input x1 (reserved)

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