



# ND9425P

H.265 16-CH Embedded PoE NVR

---

H.265/H.264 • 4K Display • 16 x PoE Port • RAID 0, 1 • Web Plug-in Free

- H.265, up to 8MP Camera Supported
- VIVOTEK Smart VCA Camera Supported for Event Search & Recording
- RAID 0, 1 Supported to Prevent from Recording Data Loss
- 802.3at/af PoE with PoE Management
- 4K Video Output Display for Clear and Detailed Monitoring
- New Web UI Available for Plug-in Free Browser (Chrome)
- Trend Micro IoT Security & Cybersecurity Management
- Crowd Control Solution
- VIVOCLOUD App & VAST 2
- Made in Taiwan





# Technical Specifications

## Device

Model	ND9425P
OS	Embedded Linux
Watchdog	Hardware + Software
Power Restoration	System Restart Automatically after Power Recovery

## Display

LiveView Display	16 Channels Multi-Layout Display: 1x1, 2x2, 3x3, 4x4, 1M+5, 1M+7, 1M+12, 1P+3, 1P+6, 2P+3, 2V+3, 1V+6, 3V
Video Output	HDMI x1, VGA x1
Display Resolution	3840x2160, 1920x1080, 1280x720
Stream Application	Constant/Auto Stream
Fisheye Dewarp	Local: 1O, 1R, 1O3R, 1O8R Web: 1O, 1R, 1P
PTZ Operation	Direction Control, Home, Iris, Preset, Patrol (Group), PiP Control

## Video

Video Format	H.265, H.264, MJPEG
Graphic Decoder	Hardware decoding
Decoding Resolution	Up to 3840x2160
Decoding Capability	3840x2160 @ 30 fps (1-CH) 1920x1080 @ 120 fps (4-CH) 1280x720 @ 240 fps (8-CH) 720x480 @ 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 (reserved) x1

## Record

Recording Time (sec.)	Pre-Record: 5 (Max. 10) Post-Record: 20 (Max. 300)
Recording Stream	Single
Recording Throughput	64 Mbps
Recording Mode	Continuous, Schedule, Manual, Event
Recording Setting	Recycle (unit: Day)
Watermark	Supported

## Storage & Backup

HDD Devices	Internal x2 (3.5") *HDD is purchased by separately.
HDD Max. Capacity	*Please refer to recommended HDD list on the VIVOTEK website.
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: 1x1, 2x2, 1P+3, 1V+3
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	EXE

### Network

Ethernet	10/100/1000Mbps Ethernet (RJ-45) x1
Network Throughput Input/Output Total	88 Mbps
PoE	802.3at/af compliant PoE ports x 16 (Total Max. 200 W) * DO NOT suggest connecting any non-PD device with this NVR PoE port in order to avoid potential risk.
PoE Management	Supported
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, DDNS, IP Filter

### External Interface

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

### System

Camera Integration	ONVIF Profile S
Event	Motion Detection, Smart VCA Event, 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

### Advanced Features

VCA Counting Solution	Supported
VCA Event Search	Supported
Trend Micro IoT Security	Supported
Cybersecurity Management	Supported
Crowd Control Solution	Supported

### Remote Client

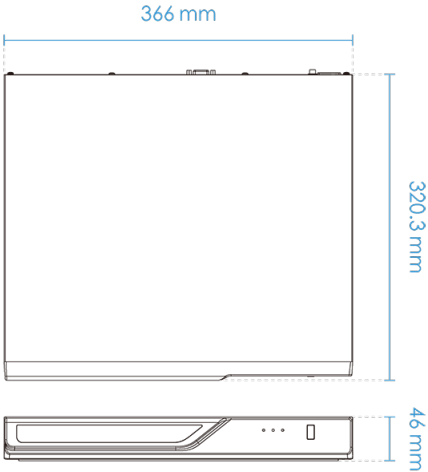
Software AP	Shepherd, VAST 2
Mobile/Tablet App	iViewer (Android & iOS)
Web Browser	Internet Explorer 10 (32 bit) or later/ Windows Chrome v68.0.3 or later/ Windows for new web
VIVOCLOUD	Supported

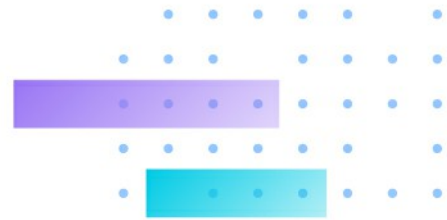
### General

Power Input	100-240V AC, 50/60Hz
Power Consumption	Max. 255 W
Dimensions	366 (W) x 320.3 (D) x 46 (H)mm
Weight	2.5 kg (without HDD)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Humidity	0 ~ 95%
Safety Certifications	CE, FCC, VCCI, C-Tick, UL, CB, BSMI, BIS
Warranty	36 months



# Dimensions

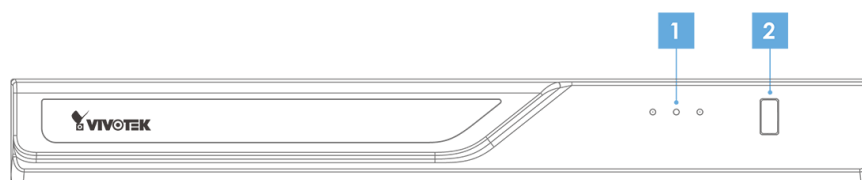




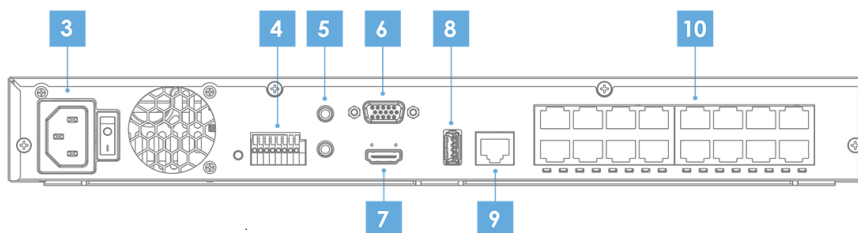
## Ordering Information

Model	Description	P/N
ND9425P	H.265, 16CH, 16 PoE, 2HDD NVR	100246610G, US
		100246620G, EU
		100246630G, UK
		100246640G, AU
		100246650G, JP
		100246600G, no power cord

## Mechanical Information



- 1** LED Indicators
- 2** USB 3.0
- 3** 100-240V AC Power Input
- 4** 4 x Alarm In  
1 x Alarm Out
- 5** Audio In/Out
- 6** VGA
- 7** HDMI



- 8** USB 2.0
- 9** Ethernet
- 10** 16 x 802.3at/af PoE ports



All specifications are subject to change without notice. Copyright©VIVOTEK INC. All rights reserved. Ver. 4