



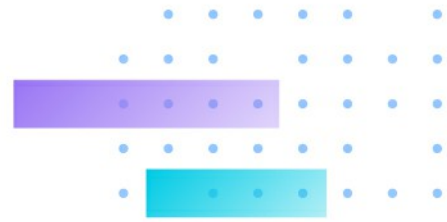
ND9425P

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

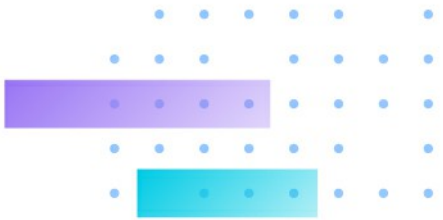
VCA Counting Solution	Supported
VCA Event Search	Supported
Trend Micro IoT Security	Supported
Cybersecurity Management	Supported
Crowd Control Solution	Supported

Remote Client

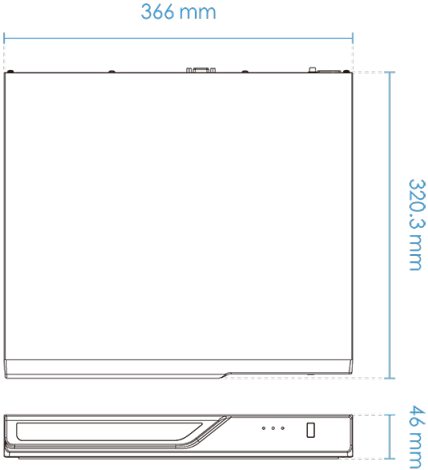
Software AP	Shepherd, VAST 2
Mobile/Tablet App	iViewer (Android & iOS)
Web Browser	Internet Explorer 10 (32 bit) or later/ Windows Chrome v68.0.3 or later/ Windows for new web
VIVOCLOUD	Supported

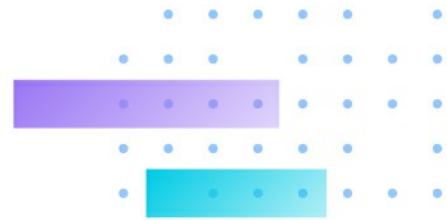
General

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

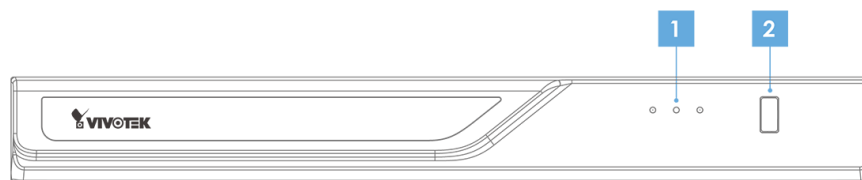




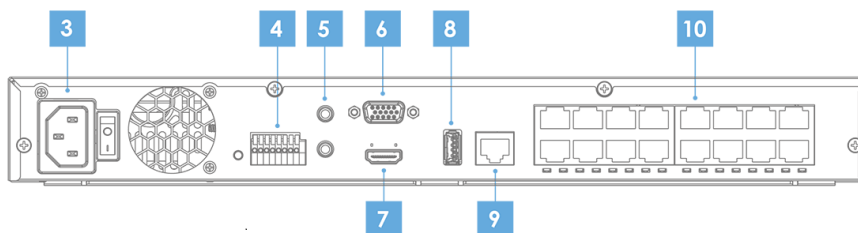
Ordering Information

Model	Description	P/N
ND9425P	H.265, 16CH, 16 PoE, 2HDD NVR	100B03810G, US
		100B03820G, EU
		100B03830G, UK
		100B03840G, AU
		100B03850G, JP
		100B03800G, 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. 5