



ND9323P

H.265 8-CH Embedded PoE NVR

H.265/H.264 • 4K Display • 8 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)
- VIVOCLOUD App & VAST 2
- Made in Taiwan



Technical Specifications

Device

| | |
|-------------------|---|
| Model | ND9323P |
| OS | Embedded Linux |
| Watchdog | Hardware + Software |
| Power Restoration | System Restart Automatically after Power Recovery |

Local Display

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|--------------------|---|
| LiveView Display | 8 Channels Multi-Layout Display: 1x1, 2x2, 3x3, 1M+5, 1P+3, 1P+6, 2P+3, 3V |
| Video Output | HDMI x1, VGA x1 |
| Display Resolution | 3840x2160, 1920x1080, 1280x720 |
| Stream Application | Constant/Auto Stream |
| Fisheye Dewarp | Web dewarp 1O, 1P, 1R |
| PTZ Operation | Direction Control, Home, Iris, Preset, Patrol (Group), PiP Control |

Video

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|---------------------|--|
| 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) |

Audio

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|--------------|--|
| 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

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|-----------------------|---|
| 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

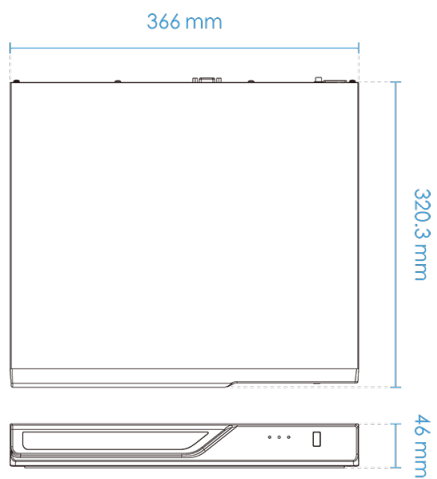
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|-------------------|---|
| HDD Devices | Internal x2 (3.5") *HDD is purchased by separately. |
| HDD Max. Capacity | *Please refer to the HDD supported list on the VIVOTEK website. |
| RAID | RAID 0, 1 (single volume up to 16TB) |
| Disk Management | 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

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|---------------------------------|--|
| 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 8 (Total Max. 120 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 |
| 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. 175 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 |

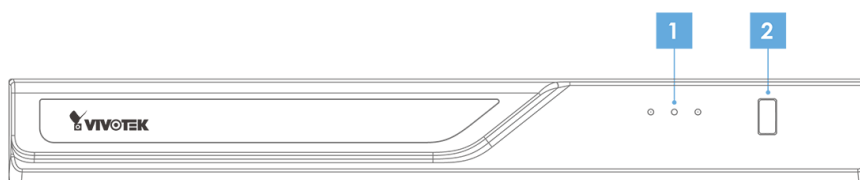
Dimensions



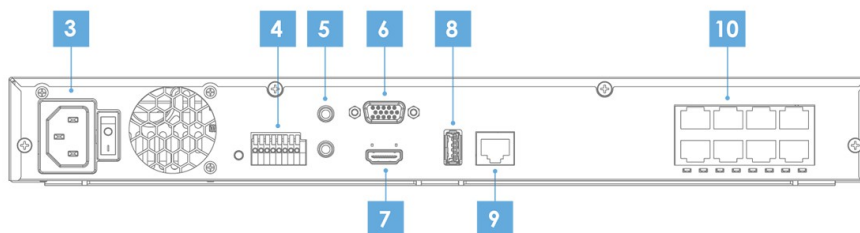
Ordering Information

| Model | Description | P/N |
|---------|-----------------------------|---------------------------|
| ND9323P | H.265, 8CH, 8 PoE, 2HDD NVR | 100246510G, US |
| | | 100246520G, EU |
| | | 100246530G, UK |
| | | 100246540G, AU |
| | | 100246550G, JP |
| | | 100246500G, no power cord |

Mechanical Information



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



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



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