

NVR2116M-8P

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16-channel Entry Series IP NVR with 8 PoE



- NVR IP Vesta Advanced Video Entry Series  
16-channel
- H.265/H.264
- 138/138 Mbps input/output
- Simultaneous HDMI (4K) and VGA (1080P) outputs
- AI from cameras: Perimeter protection, face  
detection, people counting and SMD
- 1 SATA HDD capacity
- 1 RJ45 Fast Ethernet
- 2 USB 2.0
- 12V DC, 8 PoE



| Reference / Model                                                             | NVR2116M-8P / NVR2116M-8P |
|-------------------------------------------------------------------------------|---------------------------|
| 16 IP channels                                                                |                           |
| Video compression: H.265 and H.264                                            |                           |
| Simultaneous video outputs: HDMI (4K) and VGA (1080P)                         |                           |
| Output division: 1, 4, 9, 16                                                  |                           |
| 1 input / 1 output RCA audio                                                  |                           |
| Bi-directional audio                                                          |                           |
| Audio compression: G.711a                                                     |                           |
| Recording resolution up to 8MP (3840x2160)                                    |                           |
| Bandwidth: 138 Mbps in, 138 Mbps out                                          |                           |
| Decoding capacity:                                                            |                           |
| 1 channel at 8MP (30 fps)                                                     |                           |
| 4 channels 1080P (30 fps)                                                     |                           |
| Supports adaptive decoding                                                    |                           |
| Manual, scheduled recording modes (general, videosensor, alarm, intelligence) |                           |
| Alarm link: Recording, Image capture, Buzzer, Log, Preset, Email              |                           |

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|------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Supports image capture in JPEG format                                                                                        |                           |
| Artificial Intelligence from intelligent cameras:                                                                            |                           |
| Perimeter protection (intrusion, line crossing).                                                                             |                           |
| Face detection                                                                                                               |                           |
| People counting                                                                                                              |                           |
| Intelligent motion detection                                                                                                 |                           |
| Artificial Intelligence in the recorder:                                                                                     |                           |
| Not available                                                                                                                |                           |
| AI search by target classification (people, motorized vehicles and non-motorized vehicles)                                   |                           |
| Synchronized playback of up to 16 channels                                                                                   |                           |
| Internal capacity for 1 SATA HDD up to 14TB (sold separately)                                                                |                           |
| 8 PoE (802.3af) 10/100Mbps ports                                                                                             |                           |
| RJ45 Fast Ethernet network port (10/100Mbps)                                                                                 |                           |
| Network protocols: HTTP, TCP/IP, IPv4, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, P2P, Auto register |                           |
| Onvif and SDK support                                                                                                        |                           |
| Compatible with IE8 or later web browser                                                                                     |                           |
| Compatible with Android and iOS devices                                                                                      |                           |
| Communication ports: 2 USB 2.0 ports                                                                                         |                           |
| Power supply: 12V DC, 2A                                                                                                     |                           |
| Power consumption: 7 W (excluding hard disk)                                                                                 |                           |
| Operating temperature from -10°C ~ +55°C                                                                                     |                           |
| Relative humidity 10%~90% (non-condensing)                                                                                   |                           |
| Metal housing                                                                                                                |                           |
| Dimensions: 255 (W) x 42 (H) x 222 mm (Mini 1U)                                                                              |                           |
| Weight: 900 g                                                                                                                |                           |
| Desktop installation                                                                                                         |                           |
| CE/FCC certified                                                                                                             |                           |