



WRN-1610S

Wisenet WAVE 2U PoE+ NVR

Benefits

- Designed to provide a cost-effective way for users to take advantage of the highly popular Wisenet WAVE video management software (VMS)
- Ready to be used out-of-the-box with no need to install software
- Wisenet WAVE features an intuitive 'drag & drop' tool which makes it extremely easy for operators to set up a display of live and recorded images on a single screen or video wall
- A wide range of Smart search options, including keyword, calendar and time-slice search, enable operators to quickly retrieve recorded video of specific incidents

| WRN-1610S | | |
|----------------------------|-------------------------|--|
| DISPLAY | | |
| Video | Inputs | Up to 16CH |
| Live | Local Display | 1x HDMI, 1x VGA dual monitor |
| PERFORMANCE | | |
| Operating System | Embedded | Linux Ubuntu |
| Video Management Software | Embedded | Wisenet WAVE |
| Recording | Recording Bandwidth | Up to 150 Mbps |
| Storage | Built-in OS | 1 x eMMC SSD (embedded) |
| | Internal Storage | 4 SATA (Max. 24TB) |
| Sensor | I/O | 4/2 |
| NETWORK | | |
| Interface | | 2 x RJ-45, Gigabit Ethernet, 16 x PoE+ 100Mbps |
| FUNCTIONS | | |
| System Control | | Mouse, Keyboard |
| INDICATOR/INTERFACE | | |
| Front | Indicator | Power status LED 1ea, HDD action LED 1ea, Alarm status LED 1ea, Record status LED 1ea, PoE over Budget LED 1ea, Network action LED 1ea |
| | USB | 3 EA (Front x1, Rear x2) |
| Connections | Audio | Stereo Jack (Left-Right) |
| | HDMI / VGA | HDMI : Up to 4K (3840 x 2160), VGA : Max. 1080p |
| | Ethernet | 16ea (PoE (PoE+), 100Mbps), 2ea (LAN/WAN, 1Gbps) |
| GENERAL | | |
| ENVIRONMENTAL | | |
| | Operating Temperature | +0°C to +40°C (+32°F to +104°F) |
| | Operating Humidity | 20% ~ 85% RH |
| ELECTRICAL | | |
| | Input Voltage / Current | 100 ~ 240V AC |
| | Power Consumption | Max. 320 W (4 HDDs, PoE(PoE+) on), Max. 63 W (4 HDDs, PoE(PoE+) off) |
| | PoE Budget | Each Max. 30 W (0.55 A), Total Max. 200 W (3.7 A) |
| | Form Factor | 2U rack mount chassis |
| MECHANICAL | | |
| | Colour / Material | Black / Metal |
| | Dimension (WxHxD) | 440 x 89.8 x 426.3 mm (17.32 x 3.54 x 16.78) |
| | Weight | 5.2 kg (without HDDs) |

* The latest product information / specification can be found at hanwha-security.com

* Design and specifications are subject to change without notice.

* Wisenet is the proprietary brand of Hanwha Techwin.

Key Features

- Supported by Wave client, mobile and Cloud Sync
- Supports AI metadata
- 150 Mbps of recording throughput
- Supports up to 24TB internal storage
- HDMI/VGA monitor outputs for configuration and basic monitoring
- 16 PoE/PoE+ ports, with a total power budget of 200W
- PoE port control & Alarm I/O supported
- ONVIF camera compliant
- 2U Rack mountable
- Recommended maximum of 30 servers for a merged system
- Includes USB mouse and rack mount brackets



Dimensions

Unit:mm(inch)

