## XRN-1610S

16CH Network Video Recorder with PoE Switch

### Key Features
- Up to 16CH 12megapixel supported
- H.265, H.264, MJPEG codec supported
- WiseStream support
- 180Mbps network camera recording
- Plug & play by 16 PoE/PoE+ ports
- Max. 4HDDs, e-SATA storage supported
- HDMI / VGA local monitor
- 16CH network Video Recorder with PoE Switch

### Dimensions

<table>
<thead>
<tr>
<th>Unit: mm (inch)</th>
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<td>440.0 x 17.32</td>
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### PERFORMANCE

#### Operating System
- Embedded Linux

#### Compression
- H.265, H.264, MJPEG, WiseStream (H.265, H.264)

#### Recording
- Resolution 180Mbps
- Mode Manual, Schedule (Continuous / Event), Event (P2P / Post)
- Event Trigger Alarm input (8), Video loss, Camera event (Sensor, MD, Video analytics), VA event (Tampering, Enter / Exit, Passing, Virtual-line, Dis), Appearance, Face-detection, Audio Detection, Defocus camera event
- Event Action E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
- Playback Bandwidth 3Mbps (16CH simultaneously)
- Performance Max. 4 users (Set 1, Remote 3)
- Resolution CIF → 12MP
- Fish-eye Dewarping Processed on Web / CMS
- Simulation play, date/time, playback
- Search & Playback
- Storage Default Built-in
- Backup File Backup
- Function Max. 16CH, play, date/time, playback
- Sensor Input / Output
- Audio Input / Compression 16CH (Network) / G.711, G.726, AAC (16/48KHz)
- Audio Communication Function 2-way (pass-through between camera and SSM)

### NETWORK

#### Protocol Support
- IP (V4, V6)
- Protocol (UDP, RTP, RTSP, HTTP, HTTPS, DNS, DHCP, UPnP, SNMP, ONVIF, WiseStream)
- License Key Included
- SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
- View / Playback
- Search 3 / Live unicast 10 / Live multicast 20
- Control
- Monitor PoE/PoE+ power consumption, On/Off control for each PoE/PoE+ camera, Remote reset for each PoE/PoE+ camera
- Easy Configuration
- Setup Wizard (Language Date/Time, Network, Auto camera configuration)
- Easy Configuration
- Time Sync.
- NVR time protocol for PoE/PoE+ camera (Time sync based on NVR time)

### Software

#### Viewer
- CMS Support
- SSL / CGI (SUNAPI)

#### Functions
- Register
- Camera Setup
- IP address filtering, User access log, 802.1x authentication, Encryption (ID/PA, Recording, Transmission, Backup)
- Language
- Web Browser
- Support 7 languages (English, French, German, Italian, Spanish, Russian, Turkish, Dutch)

#### Easy Configuration
- ARP (Auto Recovery Backup)
- Plug-in free Webviewer
- PTZ Control / Preset
- Smart Phone
- View / Playback
- Record status LED 1ea, Network action LED 1ea, Backup LED 1ea
- System Control
- Record status LED 1ea, Network action LED 1ea, Backup LED 1ea
- System Log
- Log List
- 4TB ~ 6TB
- Power Consumption
- Max. 271.9W (4 HDDs, PoE/PoE+ on), Max. 51.9W (4 HDDs, PoE/PoE+ off)
- Operating Environment
- Temperature +0°C ~ +40°C (+32°F ~ +104°F)
- Humidity 20% ~ 85% RH
- Weight 5.1Kg (11.24 lb)

* The latest product information / specification can be found at http://security.hanwhatechwin.com