



## 16-Channel NVR with PoE Switch

XRN-1610S

SKU: 13949    UPC: 8801090000000

The XRN-1610S series network video recorders support 4K UHD resolution and up to 16 channels of video. The XRN-1610S is ideal for small to medium size applications that require high resolution recording, and the bandwidth reducing efficiency of H.265 compression and WiseStream technology.

### 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

Display Video Inputs / Resolution Up to 16CH / CIF ~ 12MP Protocols Samsung, ONVIF Live Local Display 1x HDMI, 1x VGA dual monitor; Multi Screen Display [Local monitor] 1 / 2V / 3V / 4 / 6 / 8 / 9 / 13 / 16 / Auto sequence, [Web] 1 / 4 / 9 / 16 / Auto sequence Performance [Local monitor] 12MP (30fps), 8MP (120fps), 5MP (180fps), 3MP (240fps), 2MP (480fps), 720p (480fps), D1 (480fps) [Web] 5MP (30fps), 3MP (60fps), 2MP (120fps), 720p (240fps), D1 (480fps) Performance Operating System Embedded Linux Recording Compression H.265, H.264, MJPEG, WiseStream (H.265, H.264) Recording Bandwidth 180Mbps Resolution CIF ~ 12MP Mode Manual, Schedule (Continuous / Event), Event (Pre / Post) Event Trigger Alarm input (8), Video loss, Camera event (Sensor, MD, Video analytics), VA event (Tampering, Enter / Exit, Passing, Virtual- line, (Dis)Appear, Face detection, Audio Detection), Defocus camera event Event Action E-mail, PTZ preset, Alarm out, Buzzer, Monitor out Search & Playback Playback Bandwidth 32Mbps (16CH simultaneously) Performance Max. 4 users (Set 1, Remote 3) Mode Date & Time (Calendar) / Event log list / Text search (POS, ANPR) Simultaneous Playback Max. 16CH (Local monitor, Network) Resolution CIF ~ 12MP Fish-eye Dewarping Processed on Web / CMS Playback Control Fast/Slow Forward/Backward, Move one step up/down Storage Default Built-in 0TB ~ 6TB Internal / External 4 SATA (Max. 24TB) / 1 e-SATA, iSCSI (Max. 384TB \* PROMISE VESSRAID R2600) Backup File Backup BU/EXE (GUI), JPG/AVI (Network) Function Max. 16CH play, Date-time/title display Sensor Input / Output 8 / 4 (NO/NC selectable) Audio Input / Compression 16CH (Network) / G.711, G.726, AAC (16/48KHz) Audio Communication 2-way (Pass-through between camera and SSM) Network Protocol Support TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI (Server, Client) DDNS iPOLiS DDNS Transmission Bandwidth Max. 256Mbps (iSCSI off ) (128Mbps, iSCSI on) Max. Remote Users Search 3 / Live unicast 10 / Live multicast 20 IP IPv4 / IPv6 Security IP address filtering, User access log, 802.1x authentication, Encryption (ID/PW, Recording, Transmission, Backup) General Electrical Input Voltage / Current 100 ~ 240V AC Power Consumption Max. 271.9W (4 HDDs, PoE/PoE+ on), Max. 51.9W (4 HDDs, PoE/PoE+ off ) \* PoE/PoE+ Budget : Max. 220W Environmental Operating Temperature +0°C ~ +40°C (+32°F ~ +104°F), Operating Humidity 20% ~ 85% RH Mechanical Color / Material Black / Metal Dimensions (WxHxD) 440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U) Weight 5.1Kg (11.24 lb)