



16-Channel PoE NVR

ARN-1610S-4TB

SKU: 119808 UPC: 8801090000000

16 CH PoE NVR

Features

- Up to 16 channels @ 8 megapixel supported
- H.265, H.264, MJPEG codec supported
- 80Mbps network camera recording
- Plug & play by 16 PoE ports
- Maximum 2 HDDs (up to 6Tb each) supported
- HDMI/VGA local monitor
- P2P service (QR code connect) for easy remote access with Wisenet Viewer & Wisenet Mobile

Display Network camera Inputs Max. 16CH Resolution 8MP ~ CIF Protocols SUNAPI, ONVIF Decoding Local Display HDMI, VGA(Clone) Multi Screen Display [Local Monitor] 1/ 2V/ 2H/ 3V/ 4/ 6/ 8/ 9/ 13/ 16/ Sequence [Web] 1/ 2V/ 2H/ 3V/ 4/ 6/ 8/ 9 Resolution [Local Monitor] 8M(30fps), 1080p(120fps), 720P(120fps), D1(120fps) Performance Operating System Embedded Linux Record Compression H.265, H.264, MJPEG Recording Bandwidth Max. 80Mbps Resolution 8MP ~ CIF Mode Normal, Dual Stream, Schedule(Continuous/Event), Event (Pre/Post), Bookmark Event Trigger Alarm Input, Video Loss, Camera Event(Sensor, MD, Video Analytics, Defocus, Audio), Dynamic Event Event Action e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out Search & Play Playback Bandwidth Max. 32Mbps User Max. 4 Users (Local 1, Remote 3) Simultaneous playback Max. 16CH(Local 4CH, Remote 4CH per user) Mode Date & Time(Calendar), Event list, Text Search, Smart Search Resolution CIF ~ 8MP Playback Control Fast/Slow Forward / Backward, Move one step Up / Down Storage Supported HDD Up to 6TB HDD Slot SATA 2ea(Max. 12TB) Backup File backup BU/Exe(GUI), JPG/AVI(Network) Function Multi channel(Up to 4CH) Play, Date-Time/Title display Network Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) DDNS Hanwha DDNS Transmission Bandwidth Max. 80Mbps Audio Input/Output 16 CH(network) Compression G.711, G.726, AAC(16/48KHz) Audio Communication 2-Way Max Remote Users Search(3), Live Unicast(10), Multicast(20) Security IP address filtering, User access Log, 802.1x, Encryption Device certificate(Hanwha Techwin Root CA), Signed firmware Web viewer Supported OS Windows 10, macOS 10.13 Supported browser Google Chrome, Microsoft Edge, Mac Safari Viewer Software WAVE, SSM, Webviewer, Wisenet Viewer, Wisenet mobile Support CGI(SUNAPI) for integration to 3rd party VMS ARN-1610S Functions Camera Setup Register Auto, Manual Item IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup (4, 8 point polygon) Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SDDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage PTZ Control Via GUI, Webviewer Preset 300 Presets Smart phone Support Model iOS, Android Protocol Support RTP, RTSP, HTTP, CGI(SUNAPI) Control Live 4CH(Multi-Profile Support), Playback 4CH Remote Users Search(3), Live Unicast(10) Redundancy Failover N+1 ARB Support Easy configuration P2P(QR code) Interface Front Indicator Power, Record, Network Reset Support HDMI 1EA 3840x2160 30Hz VGA 1920x1080 30Hz Ethernet PoE RJ-45(LAN, 10/100) 16 ea ,RJ-45 1ea (WAN, 1Gbps) USB 2EA(Front 2 x USB 2.0) Power inlet SMPS System Log Log List Max. 100,000 (System Log, Event Log each) System Control Mouse, Web Language English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai, Vietnamese Environmental Operating Temperature 0°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH Electrical Power Input 100 ~ 240 VAC ±10%; 50/60 Hz Power Consumption Max 188.2W (2HDD, PoE On) PoE Budget 130W Mechanical Color / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U) Weight 2.88Kg