

XRN-2010A

32CH 12M H.265 NVR



Key Features

- Up to 32CH, Max. 12MP Camera supported
- 256Mbps network camera recording
- 4K video out on HDMI monitor support
- Dual monitor video out support
- H.265, H.264, MJPEG compression support
- WiseStream support
- Max. 8 internal HDDs (48TB), e-SATA / iSCSI storage support
- ARB & Failover (N+1) support
- P2P service (QR code connect) support

Display

| | | |
|----------------|---------------|--|
| Network camera | Inputs | Max. 32CH |
| | Resolution | 8MP ~ CIF |
| | Protocols | Wisenet, ONVIF |
| Decoding | Local Display | [Dual Display] HDMI: 3840 x 2160, 1920x1080, 1280x720 VGA: 1920x1080, 1280x720 |
| | Resolution | 12M(30fps), 8.3M(120fps), 1080p(480fps), 720P(960fps), D1(1560fps) |

Performance

| | | |
|---------------|-----------------------|--|
| Record | Compression | H.265, H.264, MJPEG |
| | Recording Bandwidth | Max. 256Mbps Max. 100Mbps(RAID-5) |
| | Resolution | 12MP ~ CIF |
| | Mode | Normal, Schedule(Continuous/Event), Event (Pre/Post) |
| | Event Trigger | Alarm Input, Video Loss, Camera Event(Alarm, MD, Video Analytics, Defocus) |
| | Event Action | e-Mail, PTZ Preset, Alarm Out, Buzzer, Monitor Out |
| Search & Play | Playback Bandwidth | Max. 32Mbps(16CH simultaneously) |
| | User | Max. 4 Users (Local 1, Remote 3) |
| | Simultaneous playback | Max. 16CH(Local Monitor, Network) |
| | Fisheye Dewarping | WEB / CMS |
| Storage | Supported HDD | Up to 6TB |
| | HDD Slot | SATA 1ea(Max. 48TB) |
| | External | iSCSI storage(Max. 384TB) |
| Backup | File backup | BU/Exe(GUI), JPG/AVI(Network) |
| | Function | Multi channel(Upto 4CH) Play, Date-Time/Title display |

Network

| | | |
|------------------------|---|---|
| Protocol | IPv4, IPv6, 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 | Wisenet DDNS | |
| Transmission Bandwidth | Max. 512Mbps (iSCSI off) Max. 256Mbps (iSCSI on) | |
| Audio | Input/Output | 32 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 | |
| Web viewer | Supported OS | Windows 7, 8, 10, Mac OS X 10.9. 10.10. 10.11 |
| | Supported browser | MS IE, Google Chrome, Mac Safari, Firefox |
| Viewer Software | SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS | |

| Functions | | |
|-----------------------|-------------------|---|
| Camera Setup | Item | IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SSSDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage |
| PTZ | Control | Via GUI, Webviewer, SPC-2000 |
| Smart phone | Support Model | iOS, Android |
| | Protocol Support | RTP, RTSP, HTTP, CGI(SUNAPI) |
| | Control | Live(Multi-Profile Support), Playback |
| | Max. Remote Users | Search(3), Live Unicast(10) |
| Redundancy | Failover | N+1 |
| | ARB | Support |
| Easy configuration | | P2P(QR code) |
| Interface | | |
| HDMI | | 1EA |
| VGA | | 1EA |
| e-SATA | | 1EA |
| Audio | | Out(1EA, RCA, Line) |
| Ethernet | | RJ-45(10/100/1000BASE-T) x 2 |
| Alarm | | In 8EA, Out 4EA |
| USB | | 2EA(Front 1, Rear 1) |
| Serial(Protocols) | | RS-232C |
| Power inlet | | AC 1EA |
| System | | |
| System Control | | Mouse, IR remocon, Web, Controller (SPC-2000) |
| 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 |
| Environmental | | |
| Operating Temperature | | 0°C to +40°C(32°F to 104°F) |
| Operating Humidity | | 20% ~ 85% RH |
| Electrical | | |
| Power Input | | 100~240VAC±10% |
| Power Consumption | | Max. 99W(6 HDD) |
| Mechanical | | |
| Color / Material | | Black / Metal |
| Dimension (WxHxD) | | 440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U) |
| Weight | | 4.86Kg(10.71 lb) |

- 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, formerly known as Samsung Techwin.