

XRN-2011A

32CH 12M H.265 NVR



FC | UL LISTED | CE | ENEC

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
- Easy installation with front swap hard disks
- ARB, Failover (N+1), RAID 5 support
- P2P service (QR code connect) support

Display		
Network camera	Inputs	Max. 32CH
	Resolution	12MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	[Dual Display] HDMI: 3840 x 2160, 1920x1080, 1280x720 VGA: 1920x1080, 1280x720
	Multi Screen Display	[Local Monitor] 1 / 2V / 3V / 4 / 9 / 16 / 25 / 36 / Sequence [Web] 1 / 4 / 9 / 16 / Sequence
	Resolution	12M (30fps), 8.3M (120fps), 1080p (480fps), 720P (960fps), D1 (960fps)
Performance		
Operating System	Embedded	Linux
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
	Mode	Date & Time(Calendar), Event Log list, Text Search, Smart Search
	Resolution	12MP ~ CIF
	Playback Control	Fast/Slow Forward / Backward, Move one step Up / Down
Storage	Supported HDD	Up to 6TB
	HDD Slot	SATA 8ea(Max. 48TB)
	External	iSCSI storage(Max. 384TB)
	RAID	RAID-5
Backup	File backup	BU/Exe(GUI), JPG/AVI(Network)
	Function	Multi channel(Upto 8CH) 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	Register	Auto, Manual
	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
	Preset	255 Presets
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

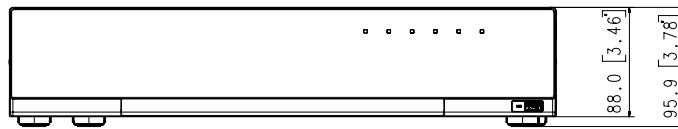
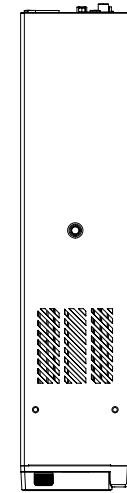
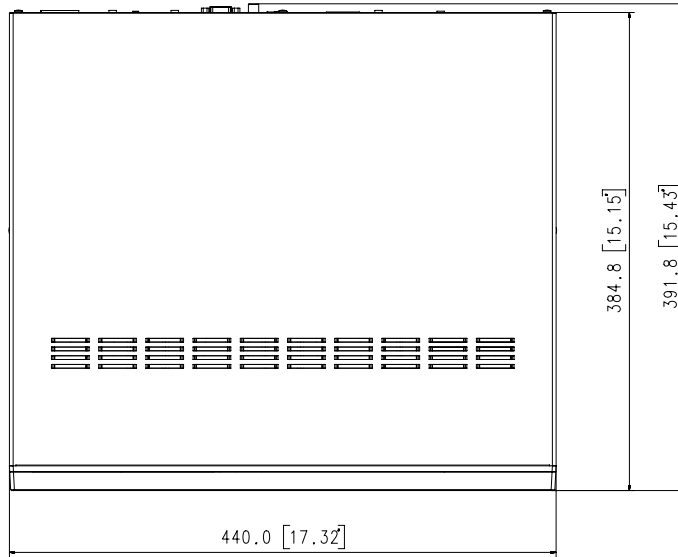
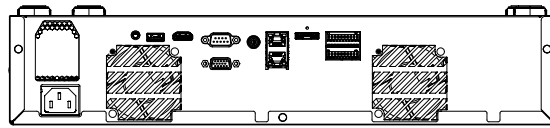
System

Log	Log List	Max. 20,000 (System Log, Event Log each)
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(6TB 8EA)
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	5.88kg

- 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.



Appearance XRN-2011
Unit : mm[inches]