

XRN-2011A

32CH Network Video Recorder

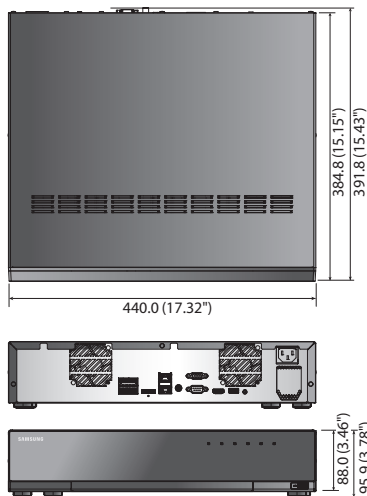


Key Features

- Up to 32CH, Maximum 12 MP 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
- 8 internal HDDs (64TB), 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

Dimensions

Unit : mm (inch)



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DISPLAY		
Video	Inputs	Up to 32CH
	Resolution	CIF ~ 12 MP
	Protocols	Wisenet, ONVIF, RTSP
Live	Local Display	1x HDMI, 1x VGA dual monitor
	Multi Screen Display	[Local monitor] 1 / 2V / 3V / 4 / 9 / 16 / 25 / 36 / Sequence, [Web] 1 / 4 / 9 / 16 / 25 / 36 / Sequence
	Performance	[Local monitor] 12M (30fps), 8.3M (120fps), 1080p (480fps), 720P (960fps), D1 (960fps)
PERFORMANCE		
Operating System	Embedded	Linux
Recording	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	Maximum 256Mbps, Maximum 100Mbps (RAID 5 mode)
	Resolution	CIF ~ 12 MP
	Mode	Normal, Schedule (Continuous / Event), Event (Pre / Post)
	Event Trigger	Alarm input, Video loss, Camera event (Sensor, MD, Video analytics)
Search & Playback	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	32Mbps (16CH simultaneously)
	Performance	Maximum 4 users (Local 1, Remote 3)
	Mode	Date & Time (Calendar) / Event log list / Text search (POS, ANPR)
	Simultaneous Playback	Maximum 16CH (Local monitor, CMS)
Storage	Resolution	CIF ~ 12MP
	Fish-eye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Built-in / Internal HDD	0TB ~ 8TB / 8 (Hot swap) - Max. 64TB (Non-RAID), Max. 48TB (RAID 5)
	External RAID	iSCSI storage (Maximum 384TB), Promise Vess RAID R2600 RAID 5 (Array size : 4 HDD x 2 array)
Backup	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
	Function	Multi channel (Up to 16CH) play, Date-time/title display
Sensor	Input / Output	8 / 4 (NO/NC selectable)
	Input	32CH (Network)
Audio	Compression	G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
NETWORK		
Interface		RJ-45, Gigabit ethernet x 2
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), P2P/QR Code
DDNS		Hanwha Security DDNS
Transmission Bandwidth		512Mbps (iSCSI off), 256Mbps (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 English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai
Language		Window 7, 8, 10, Mac OS X (10.8 or above)
OS		MS IE, Google Chrome, Mac Safari, Firefox
Web Browser		Wisenet WAVE, SSM, Webviewer, SmartViewer, Wisenet Mobile viewer
Viewer Software	Type	SDK / CGI (SUNAPI)
	CMS Support	
FUNCTIONS		
Camera Setup	Register	Auto, Manual
	Setup Items	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, SDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
Easy Configuration		P2P (QR code)
PTZ	Control / Preset	Via GUI, Webviewer, SPC-2000 / 255 presets
	OS	Android, iOS
Smart Phone	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
	Control	Live (16CH) : Multi-profile support, Playback
	Max. Remote Users	Search 3 / Live unicast 10
Redundancy	Failover / ARB	N + 1 / Yes
System Control		Mouse, Web, SPC-2000 (Controller)
INDICATOR / INTERFACE		
Front	Indicator	LED (Status indicator) : 6ea HDD action 1, Alarm 1, Power 1, Record 1, RAID 1, Network1
	HDMI	Main : 1ea (Both monitors support Live / Playback / Setup) Support up to 4K (3840 x 2160, Single monitor mode)
	VGA	Sub : 1ea (Support Playback, Setup, live screen up to 16 division mode)
	Audio	Out 1ea (RCA, Line)
Connections	Ethernet	RJ-45 2ea (LAN/WAN, 1Gbps)
	Alarm	In 8ea (Terminal block), Alarm reset 1ea Out 4ea (Terminal block) - Relay out 1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)
	USB	2ea (Front 1, Rear 1)
	Storage	1 e-SATA
	Serial / Reset	RS-232C / Switch 1ea
	Power Cord	1ea AC Inlet
SYSTEM		
Log	Log List	Max. 20,000 (System log, Event log each)
GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz / 4 ~ 1.5A
	Power Consumption	Maximum 99W (338BTU), 8TB HDD x 8ea)
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	5.43Kg (11.97 lb) (without HDD)

* The latest product information / specification can be found at hanwhasecurity.com

* Design and specifications are subject to change without notice.

* Wisenet is the proprietary brand of Hanwha Techwin.