

XRN-2010A

32CH Network Video Recorder

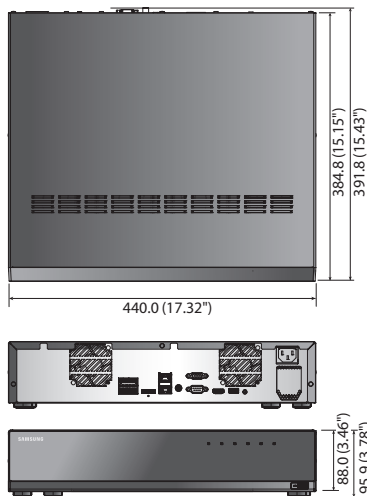


Key Features

- 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

Dimensions

Unit : mm (inch)



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DISPLAY		
Video	Inputs	Up to 32CH
	Resolution	CIF ~ 12MP
	Protocols	Samsung, ONVIF
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	Max. 256Mbps
	Resolution	CIF ~ 12MP
	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	Max. 4 users (Local 1, Remote 3)
	Mode	Date & Time (Calendar) / Event log list / Text search (POS, ANPR)
	Simultaneous Playback	Max. 16CH (Local monitor, CMS)
Storage	Resolution	CIF ~ 12MP
	Fish-eye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
Backup	Built-in / Internal HDD	0TB ~ 6TB / 8 (Max. 48TB)
	External	iSCSI storage (Max. 384TB), Promise VessRaid R2600
Sensor	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
	Function	Multi channel (Up to 16CH) play, Date-time/title display
Audio	Input / Output	8 / 4 (NO/NC selectable)
	Input	32CH (Network)
	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)	
DDNS	iPOLiS 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	
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	
OS	Window 7, 8, 10, Mac OS X (10.8 or above)	
Web Browser	MS IE, Google Chrome, Mac Safari, Firefox	
Viewer Software	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer	
Software	CMS Support	
SDK / CGI (SUNAPI)		
FUNCTIONS		
Register	Auto, Manual	
Camera Setup	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, SSM, Shutter, SDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage	
	Setup Items	
Easy Configuration	P2P (QR code)	
PTZ	Control / Preset	
Smart Phone	OS	Via GUI, Webviewer, SPC-2000 / 255 presets
	Protocol Support	Android, iOS
	Control	RTP, RTSP, HTTP, CGI (SUNAPI)
Redundancy	Control	Live (16CH): Multi-profile support, Playback (1CH)
	Max. Remote Users	Search 3 / Live unicast 10
System Control	Failover / ARB	N + 1 / Yes
INDICATOR / INTERFACE	Mouse, Web, SPC-2000 (Controller)	
Front	Indicator	LED (Status indicator) : 6ea HDD action 1, Alarm 1, Power 1, Record 1, Backup 1, Network1
	HDMI	Main : 1ea (Both support Live / PB / Setup) Support up to 4K (3840 x 2160, Single monitor mode)
	VGA	Sub : 1ea (Support live screen up to 16 div. mode)
	Audio	Out 1ea (RCA, Line)
	Ethernet	RJ-45 2ea (LAN/WAN, 1Gbps)
Connections	Alarm	In 8ea (Terminal block), Alarm reset 1ea Out 4ea (Terminal block) - Relay out1 (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
Environmental	Power Consumption	Max. 99W (338BTU, 6TB HDD x 8ea)
	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	4.86Kg (10.71 lb) (without HDD)

* 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.