

XRN-2010A

32 Channel Network Video Recorder

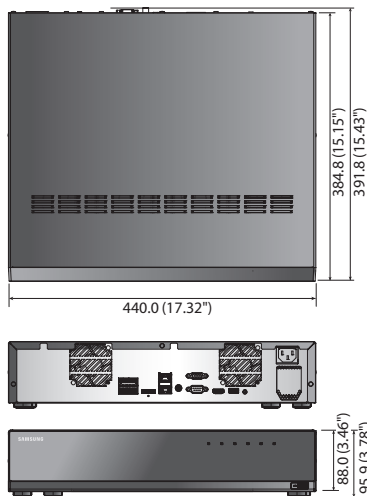


Key Features

- Up to 32 channels, Maximum 12-MP Cameras 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 32 Channels
	Resolution	CIF ~ 12 MP
Live	Protocols	Wisenet, ONVIF, RTSP
	Local Display	1x HDMI, 1x VGA dual monitor, Expand/Clone modes
	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] 12 MP (30fps), 8.3 MP (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
	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 (16 channels simultaneously)
	Performance	Maximum 4 users (Local 1, Remote 3)
	Mode	Date & Time (Calendar) / Event log list / Text search (POS, ANPR)
	Simultaneous Playback	Maximum 16 channels (Local monitor, CMS)
Storage	Resolution	CIF ~ 12 MP
	Fisheye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down Built-in / Internal HDD 0TB
	External	~ 6TB / 8 HDDs (Maximum 48TB)
Backup	File Backup (Via Web)	iSCSI storage (Maximum 384TB), Promise VessRaid R2600
	Function	BU/Exe (GUI), JPG/AVI (Network)
Sensor	Input / Output	Multi channel (Up to 16 channels) play, Date-time/title display
	Input	8 / 4 (NO/NC selectable)
Audio	Compression	32 channels with camera input (Network)
	Audio Communication	G.711, G.726, AAC (16/48KHz)
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		Wisenet DDNS, 3rd party DDNS
Transmission Bandwidth		512Mbps (iSCSI off), 256Mbps (iSCSI on)
Maximum 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		MSIE, Google Chrome, Mac Safari, Firefox
Viewer Software	Type	Wisenet WAVE, SSM, Webviewer, SmartViewer, Wisenet Mobile
	CMS Support	SDK / CGI (SUNAPI)
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, SSM, 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
	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
Smart Phone	Control	Live (16 channels) : 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, Backup 1, Network1 Main : 1ea (Support Live / Playback / Setup)
	HDMI	Support up to 4K (3840 x 2160, Single monitor mode)
	VGA	Main / Sub mode : 1ea (Support live screen up to 16 division mode)
	Audio	Main / Sub mode : 1ea (Support live screen up to 16 division mode)
Connections	Audio	Out 1ea (RCA, Line)
	Ethernet	RJ-45 2ea (LAN/WAN, 1Gbps)
	Alarm	In 8ea (Terminal block), Alarm reset 1ea
	USB	Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)
	Storage	2ea (Front 1, Rear 1)
	Serial / Reset	1 e-SATA
	Power Cord	RS-232C / Switch 1ea 1ea AC Inlet
SYSTEM		
Log	Log List	Maximum 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 (3388TU, 8TB HDD x 8ea)
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
	Color / Material	Black / Metal
Mechanical	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 hanwhasecurity.com
 * Design and specifications are subject to change without notice.
 * Wisenet is the proprietary brand of Hanwha Techwin.