

XRN-2010

32CH Network Video Recorder

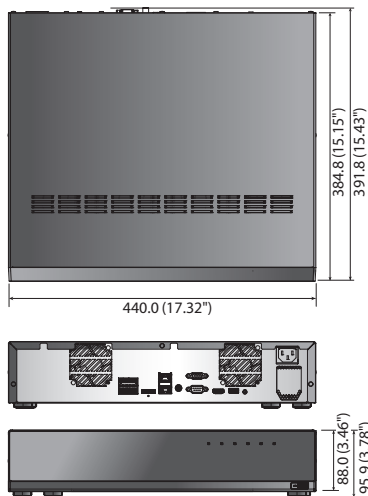


Key Features

- Up to 32CH, Max. 12MP Camera supported
- 256Mbps network camera recording
- Support 4K video out on HDMI monitor
- Support Dual monitor video out
- Support H.265, H.264, MJPEG compression
- WiseStream support
- Max. 8 internal HDDs (48TB), e-SATA / iSCSI storage support
- ARB & Failover (N+1) 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
	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
Recording	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)
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
Search & Playback	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)
	Resolution	CIF ~ 12MP
Storage	Fish-eye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Built-in / Internal HDD	0TB ~ 6TB / 8 (Max. 48TB)
Backup	External	iSCSI storage (Max. 384TB), Promise VessRaid R2600
	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
Sensor	Function	Multi channel (Up to 16CH) play, Date-time/title display
	Input / Output	8 / 4 (NO/NC selectable)
Audio	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)
IP	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
	Security	IPV4 / IPV6
Language		IP address filtering, User access log, 802.1x authentication, Encryption
	OS	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai
Web Browser		Window 7, 8, 10, Mac OS X (10.8 or above)
	Viewer Software	MS IE, Google Chrome, Mac Safari, Firefox
FUNCTIONS	Type	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
	CMS Support	SDK / CGI (SUNAPI)
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, SSMR, Shutter, SSSDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
	PTZ	Via GUI, Webviewer, SPC-2000 / 255 presets
Smart Phone	Control / Preset	Android, iOS
	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
	Control	Live (16CH) : Multi-profile support, Playback (1CH)
Redundancy	Max. Remote Users	Search 3 / Live unicast 10
	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, Network 1
	HDMI	Main : 1 ea (Both support Live / PB / Setup) Support up to 4K (3840 x 2160, Single monitor mode)
	VGA	Sub : 1 ea (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
	Power Consumption	Max. 99W (338BTU, 6TB 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 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.