

XRN-2010

32CH Network Video Recorder

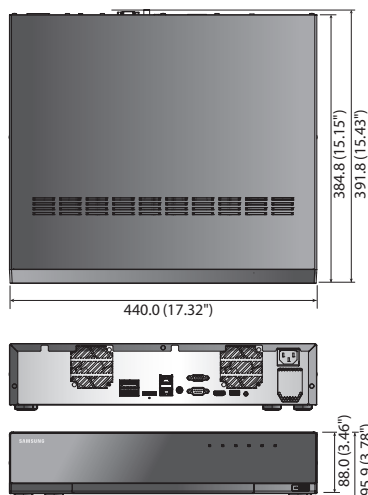


Key Features

- 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 Bandwidth	Max. 256Mbps
Recording	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)
Storage	Mode	Date & Time (Calendar) / Event log list / Text search
	Simultaneous Playback	Max. 16CH (Local monitor, CMS)
	Resolution	CIF ~ 12MP
Backup	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)
Sensor	External	iSCSI storage (Max. 384TB), Promise VessRaid R2600
	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)
NETWORK	Audio Communication	2-way
	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	Transmission Bandwidth	iPOLiS DDNS
	Max. Remote Users	512Mbps (iSCSI off), 256Mbps (iSCSI on)
	IP	Search 3 / Live unicast 10 / Live multicast 20
Security	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	Web Browser	Window 7, 8, 10, Mac OS X (10.8 or above)
	Viewer	MS IE, Google Chrome, Mac Safari, Firefox
	Software	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
FUNCTIONS	Viewer Type	SDK / CGI (SUNAPI)
	CMS Support	
	Register	Auto, Manual
Camera Setup	IP address	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
	Setup Items	
	PTZ	Via GUI, Webviewer, SPC-2000 / 255 presets
Smart Phone	Control / Preset	Android, iOS
	OS	RTP, RTSP, HTTP, CGI (SUNAPI)
	Protocol Support	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, Network1
	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)
Connections	Audio	Out 1 ea (RCA, Line)
	Ethernet	RJ-45 2ea (LAN/WAN, 1Gbps)
	Alarm	In 8ea (Terminal block), Alarm reset 1 ea Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)
Power Cord	USB	2ea (Front 1, Rear 1)
	Storage	1 e-SATA
	Serial / Reset	RS-232C / Switch 1ea
SYSTEM	Power Cord	1ea AC Inlet
	Log	Log List
	Log List	Max. 20,000 (System log, Event log each)
GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC $\pm 10\%$, 50/60Hz / 4 ~ 1.5A
	Power Consumption	Max. 99W (338BTU, 6TB HDD x 8ea)
	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
Environmental	Operating Humidity	20% ~ 85% RH
	Color / Material	Black / Metal
	Dimensions (WxHxD)	440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U)
Mechanical	Weight	4.86Kg (10.71 lb) (without HDD)

* The latest product information / sepecification can be found at <http://security.hanwhatechwin.com>