

XRN-2010

32CH Network Video Recorder

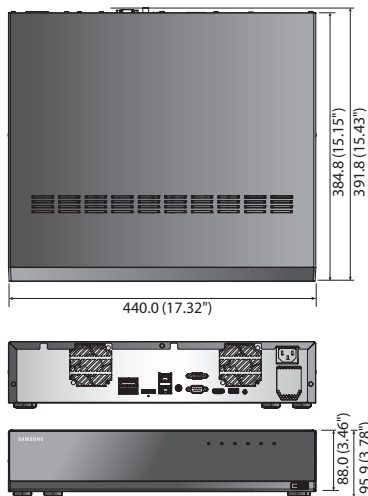


Key Features

- 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)



XRN-2010			
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			
Recording	Operating System	Embedded Linux	
	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)	
	Recording Bandwidth	Max. 256Mbps	
Search & Playback	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	
	Playback Bandwidth	32Mbps (16CH simultaneously)	
Storage	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	
Backup	Fish-eye Dewarping	WEB / CMS	
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down	
Sensor	Built-in / Internal HDD	0TB ~ 6TB / 8 (Max. 48TB)	
	External	iSCSI storage (Max. 384TB), Promise VessRaid R2600	
Audio	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)	
	Function	Multi channel (Up to 16CH) play, Date-time/title display	
NETWORK	Sensor	Input / Output	
	Audio	Input	8 / 4 (NO/NC selectable)
		Compression	32CH (Network)
Interface	Audio Communication	G.711, G.726, AAC (16/48KHz)	
	2-way		
Protocol Support	Interface	RJ-45, Gigabit ethernet x 2	
	DDNS	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)	
Security	DDNS	iPOLiS DDNS	
	Transmission Bandwidth	512Mbps (iSCSI off), 256Mbps (iSCSI on)	
Language	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
	OS	IPV4 / IPV6	
Web Browser	Security	IP address filtering, User access log, 802.1x authentication, Encryption	
	Viewer Software	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai	
FUNCTIONS	OS	Window 7, 8, 10, Mac OS X (10.8 or above)	
	Viewer Software	MS IE, Google Chrome, Mac Safari, Firefox	
Camera Setup	Type	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer	
	Setup Items	CMS Support	
PTZ	Register	Auto, Manual	
	Control / Preset	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, SDR, Shutter, SDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage	
Smart Phone	OS	Via GUI, Webviewer, SPC-2000 / 255 presets	
	Protocol Support	Android, iOS	
Redundancy	Control	RTP, RTSP, HTTP, CGI (SUNAPI)	
	Failover / ARB	Live (16CH) : Multi-profile support, Playback (1CH)	
INDICATOR / INTERFACE	Max. Remote Users	Search 3 / Live unicast 10	
	System Control	N + 1 / Yes	
Connections	Mouse, Web, SPC-2000 (Controller)		
	Indicator	LED (Status indicator) : 6ea HDD action 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1	
Electrical	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)	
Environmental	Audio	Out 1ea (RCA, Line)	
	Operating Temperature	RJ-45 2ea (LAN/WAN, 1Gbps)	
Mechanical	Operating Humidity	In 8ea (Terminal block), Alarm reset 1ea Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)	
	Color / Material	2ea (Front 1, Rear 1)	
SYSTEM	Storage	1 e-SATA	
	Log	Log List	
GENERAL	Serial / Reset	RS-232C / Switch 1ea	
	Power Consumption	Max. 20,000 (System log, Event log each)	
Electrical	Power Cord	1ea AC Inlet	
	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)	
Mechanical	Operating Humidity	20% ~ 85% RH	
	Dimensions (WxHxD)	Black / Metal	
Mechanical	Weight	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 / sepecification can be found at <http://security.hanwhatechwin.com>