

XRN-2011

32CH Network Video Recorder

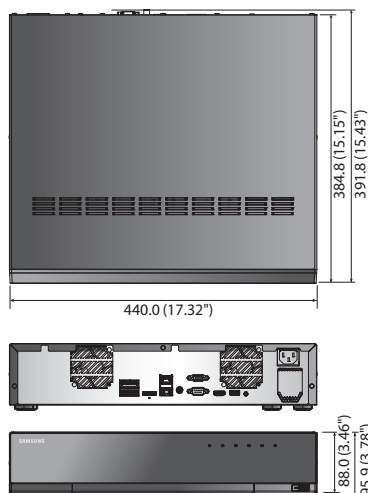


Key Features

- 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
- Support RAID 5
- Easy installation with front swap hard disks
- ARB & Failover (N+1) support

Dimensions

Unit : mm (inch)



XRN-2011		
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, Max. 100Mbps (RAID 5 mode)
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)
Storage	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	32Mbps (16CH simultaneously)
	Performance	Max. 4 users (Local 1, Remote 3)
Backup	Mode	Date & Time (Calendar) / Event log list / Text search
	Simultaneous Playback	Max. 16CH (Local monitor, CMS)
	Resolution	CIF ~ 12MP
Sensor	Fish-eye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Built-in / Internal HDD	0TB ~ 6TB / 8 (Hot swap) - Max. 48TB (Non-RAID), Max. 36TB (RAID 5)
Audio	External	iSCSI storage (Max. 384TB), Promise Vess RAID R2600
	RAID	RAID 5 (Array size : 4 HDD x 2 array)
	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
Network	Function	Multi channel (Up to 16CH) play, Date-time/title display
	Input / Output	8 / 4 (NO/NC selectable)
	Input	32CH (Network)
Interface	Compression	G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
	Interface	RJ-45, Gigabit ethernet x 2
Protocol Support	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)
Security	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	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
FUNCTIONS	Viewer	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
	Type	SDK / CGI (SUNAPI)
	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, SSNR, Shutter, SSDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
	PTZ	Control / Preset
Smart Phone	OS	Via GUI, Webviewer, SPC-2000 / 255 presets
	Protocol Support	Android, iOS
	Control	RTP, RTSP, HTTP, CGI (SUNAPI)
Redundancy	Max. Remote Users	Live (16CH) : Multi-profile support, Playback (1CH)
	Failover / ARB	Search 3 / Live unicast 10
	System Control	N + 1 / Yes
INDICATOR / INTERFACE	Indicator	Mouse, Web, SPC-2000 (Controller)
	LED (Status indicator)	LED (Status indicator) : 6ea
	HDD action	HDD action 1, Alarm 1, Power 1, Record 1, RAID 1, Network1
Connections	HDMI	Main : 1ea (Both support Live / PB / Setup)
	VGA	Support up to 4K (3840 x 2160, Single monitor mode)
	Audio	Sub : 1ea (Support live screen up to 16 div. mode)
System	Ethernet	Out 1ea (RCA, Line)
	Alarm	RJ-45 25ea (LAN/WAN, 1Gbps)
	USB	In 8ea (Terminal block), Alarm reset 1ea
GENERAL	Storage	Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)
	Serial / Reset	2ea (Front 1, Rear 1)
	Power Cord	1 e-SATA
Log	Log List	RS-232C / Switch 1ea
	Log List	1ea AC Inlet
	Log List	Max. 20,000 (System log, Event log each)
Electrical	Input Voltage / Current	100 ~ 240V AC ±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	5.43Kg (11.97 lb) (without HDD)
	Weight	
	Weight	

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