

XRN-3010

64CH Network Video Recorder

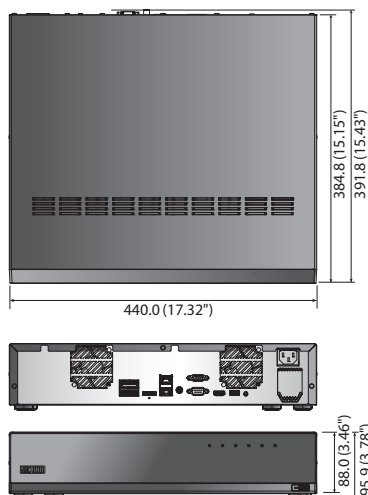


Key Features

- Up to 64CH, Max. 12megapixel camera supported
- Max. 300Mbps 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 (64TB), e-SATA storage support
- ARB & Failover (N+1) support

Dimensions

Unit : mm (inch)



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DISPLAY		
Video	Inputs	Up to 64CH
	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] 12MP (30fps), 8.3MP (120fps), 1080p (480fps), 720P (960fps), D1 (1560fps)
PERFORMANCE		
Recording	Operating System	Embedded Linux
	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	Max. 300Mbps
Search & Playback	Resolution	CIF ~ 12MP
	Mode	Normal, Schedule (Continuous / Event), Event (Pre / Post)
	Event Trigger	Alarm input (8), Video loss, Camera event (Sensor, MD, Video analytics, Defocus)
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 / ARB search / Smart search (Virtual line w/direction, Enter / Exit)
	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
	Default Built-In	0TB ~ 8TB
Audio	Internal HDD	8 (Max. 64TB)
	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
	Function	Multi channel (Up to 16CH) play, Date-time/title display
Network	Input / Output	8 / 4 (NO/NC selectable)
	Input	64CH (Network)
	Compression	G.711, G.726, AAC (16/48KHz)
Interface	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)
Language	DDNS	Hanwha security DDNS
	Transmission Bandwidth	512Mbps
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
OS	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
Web Browser	OS	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	Type	CMS Support
	SDK / CGI (SUNAPI)	
	Register	Auto, Manual
Camera Setup	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
	OS	Via GUI, Webviewer, SPC-2000 / 255 presets
Smart Phone	Protocol Support	Android, iOS
	Control	RTP, RTSP, HTTP, CGI (SUNAPI)
	Max. Remote Users	Live (16CH) : Multi-profile support, Playback (1CH)
Redundancy	Search 3 / Live unicast 10 / Live multicast 20	
	Failover / ARB	N + 1 (Include fail-back) / 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	
	Sub : 1ea (Support live screen up to 16 div. mode)	
Connections	VGA	Main : 1ea (Both support Live / PB / Setup)
	HDMI	Support up to 4K (3840 x 2160, Single monitor mode)
	Audio	Out 1ea (RCA, Line)
Ethernet	Ethernet	RJ-45 25ea (LAN/WAN, 1Gbps)
	Alarm	In 8ea (Terminal block), Alarm reset 1ea
	Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)	
USB	USB	2ea (Front 1, Rear 1)
	Storage	1 e-SATA
	Serial / Reset	RS-232C / Switch 1ea
Power Cord	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 $\pm 10\%$, 50/60Hz / 4 ~ 1.5A
	Power Consumption	Max. 99W (338BTU, 8TB 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)