

XRN-3010

64CH Network Video Recorder

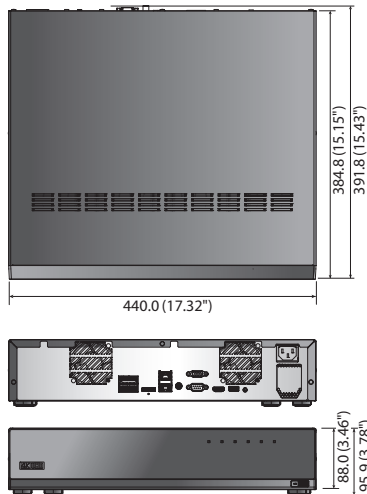


Key Features

- 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)



XRN-3010		
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		
Operating System	Embedded	Linux
	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	Max. 300Mbps
Recording	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)
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	32Mbps (16CH simultaneously)
Search & Playback	Performance	Max. 4 users (Local 1, Remote 3)
	Mode	Date & Time (Calendar) / Event log list / Text search (POS, ANPR) / ARB search / Smart search (Virtual line w/direction, Enter / Exit)
	Simultaneous Playback	Max. 16CH (Local monitor, CMS)
	Resolution	CIF ~ 12MP
	Fish-eye Dewarping	WEB / CMS
Storage	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Default Built-In	0TB ~ 8TB
	Internal HDD	8 (Max. 64TB)
Backup	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
	Function	Multi channel (Up to 16CH) play, Date-time/title display
Sensor	Input / Output	8 / 4 (NO/NC selectable)
	Input	64CH (Network)
Audio	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		
Hanwha security DDNS		
Transmission Bandwidth		
512Mbps		
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		
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		
Viewer		
Type		
SSM, Webviewer, SmartViewer, iPOLiS mobile viewer		
Software		
CMS Support		
SDK / CGI (SUNAPI)		
FUNCTIONS		
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, SDDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
		Via GUI, Webviewer, SPC-2000 / 255 presets
PTZ	Control / Preset	OS
Smart Phone	Protocol Support	Android, iOS
	Control	RTP, RTSP, HTTP, CGI (SUNAPI)
	Max. Remote Users	Live (16CH) : Multi-profile support, Playback (1CH)
Redundancy	Failover / ARB	Search 3 / Live unicast 10 / Live multicast 20
	System Control	N + 1 (Include fail-back) / Yes
Mouse, Web, SPC-2000 (Controller)		
INDICATOR / INTERFACE		
Front	Indicator	LED (Status indicator) : 6ea
	VGA	HDD action 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1
	HDMI	Sub : 1ea (Support live screen up to 16 div. mode)
Connections	HDMI	Main : 1ea (Both support Live / PB / Setup)
	Audio	Support up to 4K (3840 x 2160, Single monitor mode)
	Ethernet	Out 1ea (RCA, Line)
	Alarm	RJ-45 2ea (LAN/WAN, 1Gbps)
	USB	In 8ea (Terminal block), Alarm reset 1ea
	Storage	Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)
	Power Cord	2ea (Front 1, Rear 1)
1 e-SATA		
Serial / Reset		
RS-232C / Switch 1ea		
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, 8TB 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.