

# XRN-3010

64CH Network Video Recorder

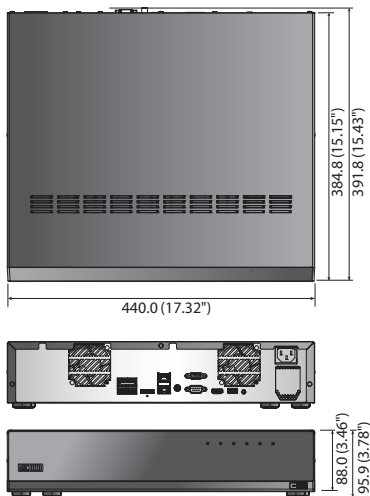


## Key Features

- 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	Recording Bandwidth	Max. 300Mbps
	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)
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)
	Mode	Date & Time (Calendar) / Event log list / Text search (POS, ANPR) / ARB search / Smart search (Virtual line w/direction, Enter / Exit)
Storage	Simultaneous Playback	Max. 16CH (Local monitor, CMS)
	Resolution	CIF ~ 12MP
	Fish-eye Dewarping	WEB / CMS
Backup	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Default Built-In	0TB ~ 8TB
Sensor	Internal HDD	8 (Max. 64TB)
	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
Audio	Function	Multi channel (Up to 16CH) play, Date-time/title display
	Input / Output	8 / 4 (NO/NC selectable)
NETWORK	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)	
	DDNS	Hanwha security DDNS
Transmission Bandwidth	512Mbps	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
IP	IP v4 / IP v6	
	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 Software	SSM, Webviewer, SmartViewer, iPOLiS mobile viewer
FUNCTIONS	Register	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, SSSNR, Shutter, SSSDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
	PTZ	Via GUI, Webviewer, SPC-2000 / 255 presets
Smart Phone	Control / Preset	OS: Android, iOS
	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
Redundancy	Control	Live (16CH): Multi-profile support, Playback (1CH)
	Failover / ARB	Search 3 / Live unicast 10 / Live multicast 20
INDICATOR / INTERFACE	Failover / ARB	N + 1 (Include fail-back) / Yes
	System Control	Mouse, Web, SPC-2000 (Controller)
Front	Indicator	LED (Status indicator) : 6ea HDD action 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1
	VGA	Sub : 1ea (Support live screen up to 16 div. mode)
Connections	HDMI	Main : 1ea (Both support Live / PB / Setup) Support up to 4K (3840 x 2160, Single monitor mode)
	Audio	Out 1ea (RCA, Line)
Alarm	Ethernet	RJ-45 2ea (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)
SYSTEM	USB	2ea (Front 1, Rear 1)
	Storage	1 e-SATA
GENERAL	Serial / Reset	RS-232C / Switch 1ea
	Power Cord	1ea AC Inlet
Log	Log List	Max. 20,000 (System log, Event log each)
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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
Mechanical	Color / Material	Black / Metal
	Dimensions (WxHxD)	440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U)
Weight	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.