

# XRN-3010A

64 Channel Network Video Recorder

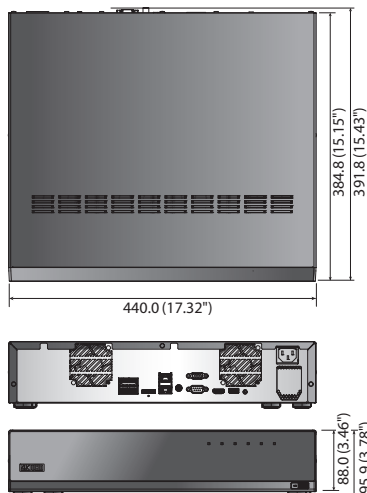


## Key Features

- Up to 64 Channel, Maximum 12-megapixel camera supported
- Maximum 300Mbps network camera recording
- 4K video out on HDMI monitor support
- Dual monitor video out support
- H.265, H.264, MJPEG compression support
- WiseStream support
- Maximum 8 internal HDDs (64TB), e-SATA storage support
- ARB & Failover (N+1) support
- P2P service (QR code connect) support

## Dimensions

Unit : mm (inch)



## XRN-3010A

DISPLAY		
Video	Inputs	Up to 64 channels
	Resolution	CIF ~ 12 MP
	Protocols	Samsung/Wisenet SUNAPI, 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] 12 MP (30fps), 8.3 MP (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	Maximum 300Mbps
	Resolution	CIF ~ 12 MP
	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
Search & Playback	Playback Bandwidth	32Mbps (16 channels 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)
	Simultaneous Playback	Maximum 16 channels (Local monitor, CMS)
Storage	Resolution	CIF ~ 12 MP
	Fish-eye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Default Built-In	0TB ~ 8TB
Backup	Internal HDD	8 (Maximum 64TB)
	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
Sensor	Function	Multi channel (Up to 16 channel) play, Date-time/title display
	Input / Output	8 / 4 (NO/NC selectable)
Audio	Input	64 channels with camera inputs (Network)
	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
Maximum 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 (Wisenet 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, SSSNR, Shutter, SSSDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
Easy Configuration		P2P (QR code)
PTZ	Control / Preset	Via GUI, Webviewer, SPC-2000 / 255 presets
	OS	Android, iOS
Smart Phone	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
	Control	Live (16 channel) : Multi-profile support, Playback (1 channel)
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
Redundancy	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, Network 1
	VGA	Sub mode : 1ea (Support live screen up to 16 division mode)
	HDMI	Main : 1ea (Both support Live / Playback / Setup) Support up to 4K (3840 x 2160, Single monitor mode)
	Audio	Out 1ea (RCA, Line)
Connections	Ethernet	RJ-45 2ea (LAN/WAN, 1Gbps)
	Alarm	In 8ea (Terminal block), Alarm reset 1ea Out 4ea (Terminal block) - Relay out 1 (NO/NC/COM) - Relay out 2 ~ 4 (NO/COM)
	USB	2ea (Front 1, Rear 1)
	Storage	1 e-SATA
	Serial / Reset	RS-232C / Switch 1ea
	Power Cord	1ea AC Inlet
SYSTEM		
Log	Log List	Maximum 20,000 (System log, Event log each)
GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz / 4 ~ 1.5A
	Power Consumption	Maximum 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	4.86Kg (10.71 lb) (without HDD)

\* The latest product information / specification can be found at [hanwhasecurity.com](http://hanwhasecurity.com)

\* Design and specifications are subject to change without notice.

\* Wisenet is the proprietary brand of Hanwha Techwin.