

XRN-3010A

64 Channel Network Video Recorder

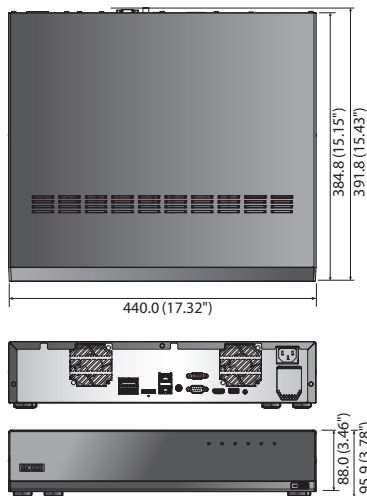


Key Features

- 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)



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DISPLAY		
Video	Inputs	Up to 64 channels
	Resolution	CIF ~ 12 MP
	Protocols	Wisenet, ONVIF, RTSP
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)
Search & Playback	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	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)
Storage	Simultaneous Playback	Maximum 16 channels (Local monitor, CMS)
	Resolution	CIF ~ 12 MP
	Fish-eye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
Backup	Default Built-In	0TB ~ 8TB
	Internal HDD	8 (Maximum 64TB)
Sensor	File Backup (Via Web)	BU/Exe (GUI), JPG/AVI (Network)
	Function	Multi channel (Up to 16 channel) play, Date-time/title display
Audio	Input / Output	8 / 4 (NO/NC selectable)
	Input	64 channels with camera inputs (Network)
Audio	Compression	G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
NETWORK		
Interface	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	DDNS	Hanwha DDNS, 3rd party DDNS
	Transmission Bandwidth	512Mbps
IP	Maximum Remote Users	Search 3 / Live unicast 10 / Live multicast 20
	IP	IPv4 / IPv6
Security	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	OS	Window 7, 8, 10, Mac OS X (10.8 or above)
	Web Browser	MS IE, Google Chrome, Mac Safari, Firefox
Viewer	Viewer	Wisenet WAVE, SSM, Webviewer, SmartViewer, Wisenet Mobile viewer
	Software	Type 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, SSM, Shutter, SSDR, DIS), Fisheye dewarping mode, Hallway view setup, Camera webpage
Easy Configuration	PTZ	P2P (QR code)
	Control / Preset	Via GUI, Webviewer, SPC-2000 / 255 presets
Smart Phone	OS	Android, iOS
	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
Redundancy	Control	Live (16 channel) : Multi-profile support, Playback
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
System Control	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 (Supports live screen up to 16 division mode)
	HDMI	Main : 1ea (Both monitors 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
Power Cord	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

* Design and specifications are subject to change without notice.

* Wisenet is the proprietary brand of Hanwha Techwin.