XRN-3010A

64CH 12M H.265 NVR



Key Features

- Up to 64CH, Max. 12megapixel camera supported
- Max. 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
- Max. 8 internal HDDs (64TB), e-SATA storage support
- ARB & Failover (N+1) support
- P2P service (QR code connect) support

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Display		
Network camera	Inputs	Max. 64CH
	Resolution	12MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	[Dual Display] HDMI: 3840 x 2160, 1920x1080, 1280x720 VGA: 1920x1080, 1280x720
	Resolution	12M(30fps), 8.3M(120fps), 1080p(480fps), 720P(960fps), D1(1560fps)
Performance		
Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 300Mbps
	Resolution	12MP ~ CIF
	Mode	Normal, Schedule(Continuous/Event), Event (Pre/Post)
	Event Trigger	Alarm Input, Video Loss, Camera Event(Alarm, MD, Video Analytics, Defocus)
	Event Action	e-Mail, PTZ Preset, Alarm Out, Buzzer, Monitor Out
Search & Play	Playback Bandwidth	Max. 32Mbps(16CH simultaneously)
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 16CH(Local Monitor, Network)
	Fisheye Dewarping	WEB / CMS
Storage	Supported HDD	Up to 8TB
	HDD Slot	SATA 8ea(Max. 64TB)
Backup	File backup	BU/Exe(GUI), JPG/AVI(Network)
	Function	Multi channel(Upto 16CH) Play, Date-Time/Title display
Network		
Protocol		IPv4, IPv6, 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		Wisenet DDNS
Transmission Bandwidth		Max. 512Mbps
Audio	Input/Output	64 CH(network)
	Compression	G.711, G.726, AAC(16/48KHz)
	Audio Communication	2-Way
Max Remote Users		Search(3), Live Unicast(10), Multicast(20)
Security		IP address filtering, User access Log, 802.1x, Encryption
Web viewer	Supported OS	Windows 7, 8, 10, Mac OS X 10.9. 10.10. 10.11
	Supported browser	MS IE, Google Chrome, Mac Safari, Firefox
Viewer Software		SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS
Functions		

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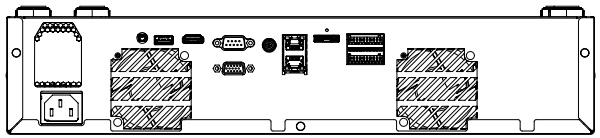
Camera Setup	Item	IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SSDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage
PTZ	Control	Via GUI, Webviewer, SPC-2000
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
	Control	Live(Multi-Profile Support), Playback
	Max. Remote Users	Search(3), Live Unicast(10)
Redundancy	Failover	N+1
	ARB	Support
Easy configuration		P2P(QR code)
Interface		
HDMI		1EA
VGA		1EA
e-SATA		1EA
Audio		Out(1EA, RCA, Line)
Ethernet		RJ-45(10/100/1000BASE-T) x 2
Alarm		In 8EA, Out 4EA
USB		2EA(Front 1, Rear 1)
Serial(Protocols)		RS-232C
Power inlet		AC 1EA
System		
System Control		Mouse, IR remocon, Web, Controller (SPC-2000)
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
Environmental		
Operating Temperature		0°C to +40°C(32°F to 104°F)
Operating Humidity		20% ~ 85% RH
Electrical		
Power Input		100~240VAC±10%
Power Consumption		Max. 99W(6 HDD)
Mechanical		
Color / Material		Black / Metal
Dimension (WxHxD)		440.0 x 88.0 x 384.8mm (17.32" x 3.46" x 15.15") (2U)
Weight		4.86Kg(10.71 lb)

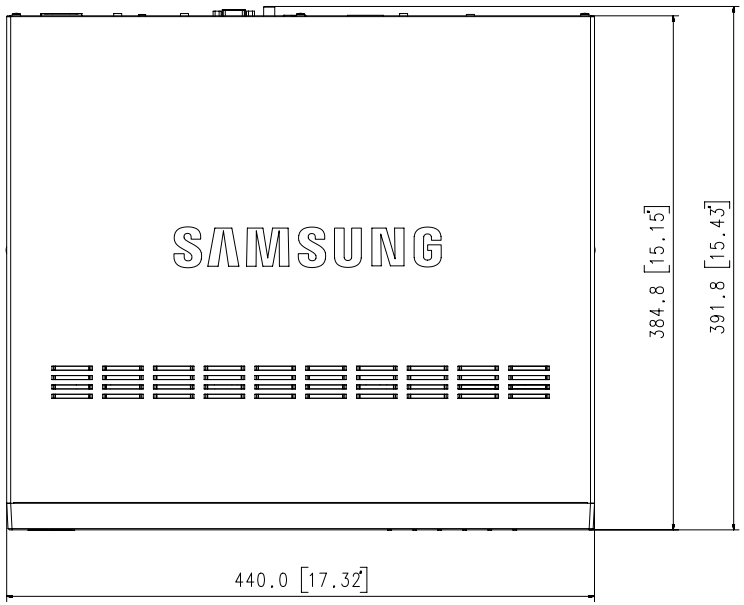
- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin , formerly known as Samsung Techwin.

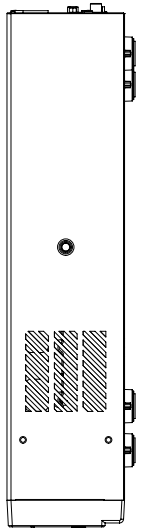
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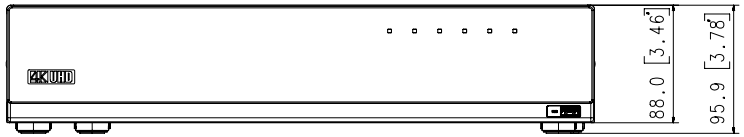
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This parts should not contain any substances which are specified in AB60-0033K









Appearance XRN-3010
Unit : mm[inches]

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A1 CHANGE	UNIT	mm	DESIGN	CHECK	APPROVAL	PART NAME: APPEARANCE XRN-3010
	SCALE	1/2	PILJIP KIM	SUNGJUN KWON	SEUNGYUP LEE	MODEL NAME: XRN-3010
			16.04.08	16.04.08	16.04.08	
	SAMSUNG		SAMSUNG TECHWIN			CODE NO.: APPEARANCE XRN-2010