



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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Specifications

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	

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com

Hanwha Vision is formerly known as Hanwha Techwin.

Functions		
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, SSSNR, Shutter, SSSDR, 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)	