

XRN-2010

32CH 12M H.265 NVR



FC |  | CE | EAC

Key Features

- Up to 32CH, Max. 12MP Camera supported
- 256Mbps network camera recording
- Support 4K video out on HDMI monitor
- Support Dual monitor video out
- Support H.265, H.264, MJPEG compression
- WiseStream support

Display		
Network camera	Inputs	Max. 32CH
	Resolution	12MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	[Dual Display] HDMI: 3840 x 2160, 1920x1080, 1280x720 VGA: 1920x1080, 1280x720
	Multi Screen Display	[Local Monitor] 1 / 2V / 3V / 4 / 9 / 16 Sequence [Web] 1 / 4 / 9 / 16 / 4 / Sequence
	Resolution	12M(30fps), 8.3M(120fps), 1080p(480fps), 720P(960fps), D1(1560fps)
Performance		
Operating System	Embedded	Linux
Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 256Mbps
	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
	Mode	Date & Time(Calendar), Event Log list, Text Search, Smart Search
	Resolution	12MP ~ CIF
	Playback Control	Fast/Slow Forward / Backward, Move one step Up / Down
Storage	Supported HDD	Up to 6TB
	HDD Slot	SATA 8ea(Max. 48TB)
	External	iSCSI storage(Max. 384TB)
Backup	File backup	BU/Exe(GUI), JPG/AVI(Network)
	Function	Multi channel(Upto 4CH) 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
Audio	Input/Output	32 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		
Camera Setup	Register	Auto, Manual
	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
	Preset	255 Presets
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
Interface		
Front	Indicator	OK
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		
Log	Log List	Max. 20,000 (System Log, Event Log each)
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 $\pm$ 10%
Power Consumption	Max. 99W (6TB 8EA)

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	5.38Kg

- The latest 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.