

XRN-420S

4CH NVR

Key Features

- Up to 4CH, 8MP camera supported
- H.265, H.264, MJPEG codec
- AI Search: Object Attribute (When integrated with Wisenet AI Camera)
- 50Mbps network camera recording
- Plug & play by 4 PoE (LAN, 10/100), 1 PoE (WAN, 1Gbps)
- Max. 1HDD (Max. 6TB)
- HDMI / VGA local monitor
- ARB supported
- P2P service (QR code connect) support

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Specifications

Display		
Network camera	Inputs	Max. 4CH
	Resolution	8MP ~ CIF
	Protocols	SUNAPI, ONVIF
Decoding	Local Display	HDMI, VGA
	Multi Screen Display	[Dual Monitor] 1/ 2V/ 2H/ 3V/ 4/ Sequence [Web] 1/ 2V/ 2H/ 3V/ 4
	Resolution	[Local Monitor] 8M(30fps), 1080p(120fps), 720P(120fps), D1(120fps)
Performance		
Operating System	Embedded	Linux
Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 50Mbps
	Resolution	8MP ~ CIF
	Mode	Normal, Dual Stream, Schedule(Continuous/Event), Event (Pre/Post), Bookmark
	Event Trigger	Alarm Input, Video Loss, Camera Event(Sensor, MD, Video Analytics, Defocus, Audio), Dynamic Event
	Event Action	e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out
Search & Play	Playback Bandwidth	Max. 32Mbps
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 16CH(Local 4CH, Remote 4CH per user)
	Fisheye Dewarping	CMS
	Mode	Date & Time(Calendar), Event list, Text Search, Smart Search
	Resolution	CIF ~ 8MP
	Playback Control	Fast/Slow Forward / Backward, Move one step Up / Down
Storage	Supported HDD	Up to 6TB
	HDD Slot	SATA 1ea(Max. 6TB)
Backup	File backup	BU/Exe(GUI), JPG/AVI(Network)
	Function	Multi channel(Up to 4CH) Play, Date-Time/Title display
Network		
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client)	
DDNS	Hanwha DDNS	
Transmission Bandwidth	Max. 64Mbps	

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Audio	Input/Output	4CH (network)/output (Set)
	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 Device certificate(Hanwha Techwin Root CA), Signed firmware	
Web viewer	Supported OS	Windows 10, macOS 10.13
	Supported browser	Google Chrome, Microsoft Edge, Mac Safari
Viewer Software	WAVE, SSM, Webviewer, Smart Viewer, Wisenet mobile Support 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 (4, 8 point polygon) 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
	Preset	300 Presets
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
	Control	Live 4CH(Multi-Profile Support), Playback 4CH
	Max. Remote Users	Search(3), Live Unicast(10)
Redundancy	Failover	N+1
	ARB	Support
Easy configuration	P2P(QR code)	

Interface		
Front	Indicator	Power, Record, Network
Storage	OK	
Reset	Support	
HDMI	1EA 3840x2160 30Hz	
VGA	1EA 1920x1080 30Hz	
Audio	Out 1EA	
Ethernet	PoE+ RJ-45(LAN, 10/100) 4 ea ,RJ-45 1ea (WAN, 1Gbps)	
Alarm	In 4EA, Out 2EA	
USB	2EA(Front 1 x USB 2.0, Rear 1 x USB 2.0)	
Power inlet	DC Adaptor	

System		
Log	Log List	Max. 100,000 (System Log, Event Log each)
System Control	Mouse, Web	
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, Vietnamese	

Environmental	
Operating Temperature	0°C to +40°C(32°F to 104°F)
Operating Humidity	20% ~ 85% RH

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Electrical		
Power Input	100 ~ 240 VAC ±10%; 50/60 Hz	
Power Consumption	Max 67W(1HDD, PoE On)	
PoE Budget	50W	

Mechanical		
Color / Material	Black / Metal	
Dimension (WxHxD)	300.0 x 47.1 x 208.4 mm (11.81 x 1.85 x 8.20 inch)	
Weight	1.06Kg (2.33lb)	

Intelligent Analysis		
AI Search	Object Attribute	Compatible for Wisenet AI Camera

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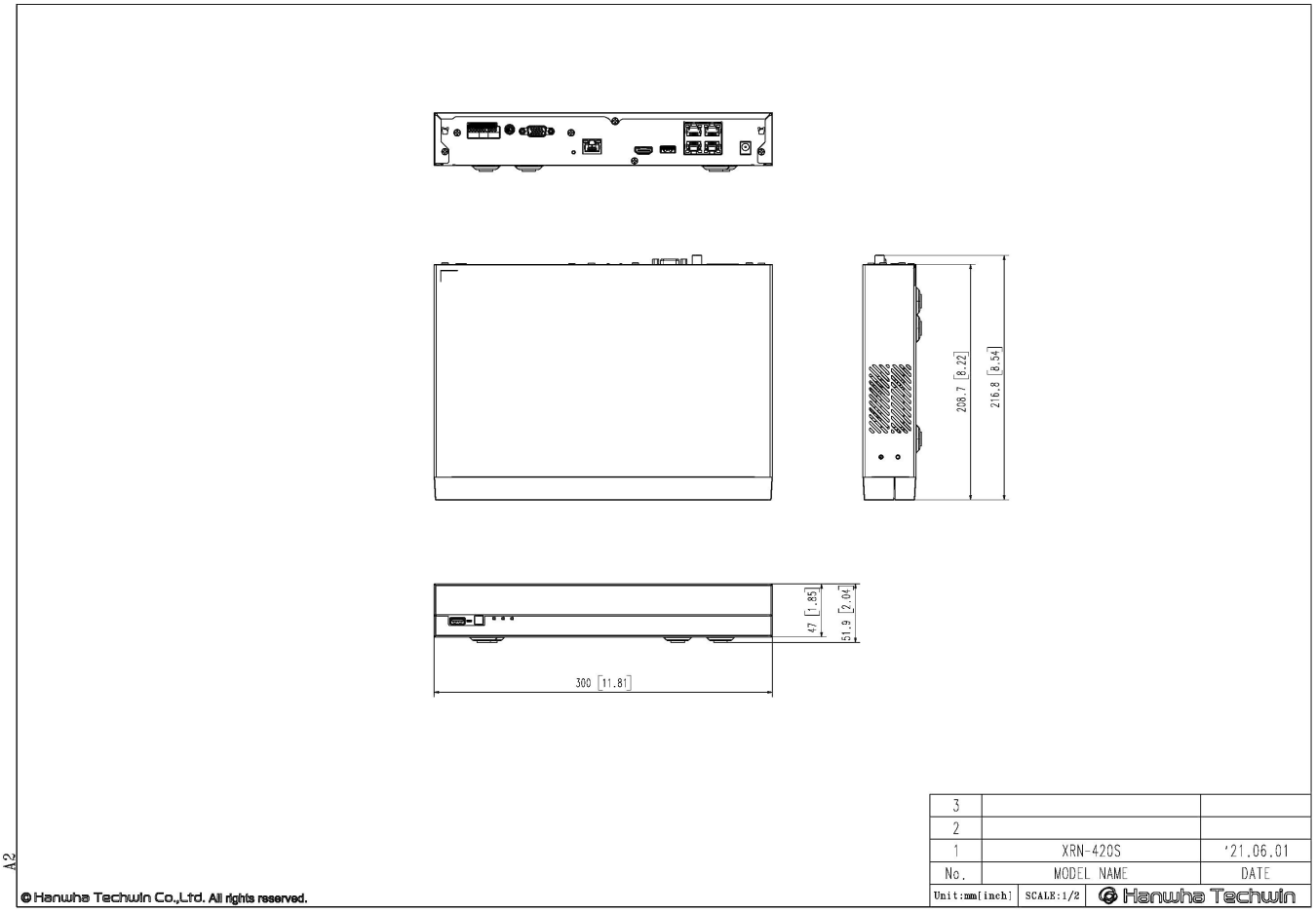
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CAD

Unit:mm [inch]



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