

# XRN-810S

8CH Network Video Recorder with PoE Switch

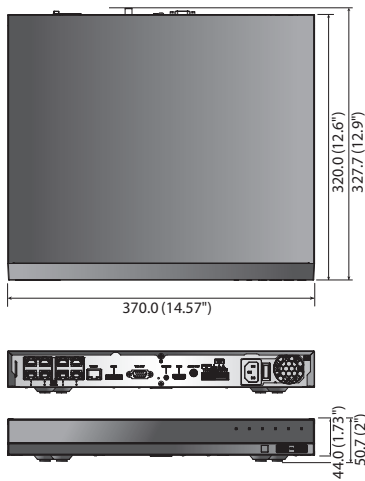


## Key Features

- Up to 8CH, 8megapixel camera supported
- H.265, H.264, MJPEG codec support, WiseStream support
- 100Mbps network camera recording
- Plug & play by 8 PoE/PoE+ ports
- Max. 2HDDs supported
- HDMI / VGA local monitor
- ARB supported
- P2P service(QR code connect) support

## Dimensions

Unit : mm (inch)



XRN-810S		
<b>DISPLAY</b>		
Video	Inputs	Up to 8CH
	Resolution	CIF ~ 8MP
	Protocols	Samsung, ONVIF
Live	Local Display	HDMI / VGA
	Multi Screen Display	[Local monitor] 1 / 2V / 3V / 4 / 6 / 8 / Auto sequence [Web] 1 / 4 / 8 / Auto sequence
	Performance	[Local Monitor] 8MP (60fps), 5MP (90fps), 3MP (120fps), 2MP (240fps), 720p (240fps), D1 (240fps)
<b>PERFORMANCE</b>		
Operating System	Embedded	Linux
Recording	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	100Mbps
	Resolution	CIF ~ 8MP
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post)
	Event Trigger	Alarm input (4), 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 (8CH simultaneously)
	Performance	Max. 3 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	Up to 8CH (Local, Network)
	Resolution	CIF ~ 8MP
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
Backup	Default Built-In	0TB ~ 6TB
	Internal	2 (Max.12TB)
	Max. Capacity	12TB
Sensor	File Backup	BU/EXE (USB), JPG/AVI (Web, CMS)
	Function	Multi channel (Up to 8CH) play, Date-time/title display
Audio	Input / Output	4 / 3 (NO 2ea, NO/NC 1ea)
	Input	8CH (Network)
Audio	Compression	G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
<b>NETWORK</b>		
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		Hanwha security DDNS
Transmission Bandwidth		128Mbps
Max. Remote Users		Search 3 / Live unicast 10 / Live multicast 20
IP		IPv4 / IPv6
Security		IP address filtering, User access log, 802.1x authentication, Encryption (English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese(Simplified), Japanese, Thai)
Language	GUI / Web	
OS		Supported OS : Windows 7, 8, 10, Mac OS X 10.8, 10.9, 10.10, 10.11
Web Browser		Non-plugin Webviewer Supported Browser : Google Chrome 47, MS Edge 20 Plug-in Webviewer Supported MS Explore 11, Mozilla Firefox 43, Apple Safari 9 * Mac OS X only
Viewer Software	Type	SSM, Webviewer, SmartViewer, Wisenet mobile
Software	CMS Support	SDK / CGI (SUNAPI)
<b>FUNCTIONS</b>		
Camera Setup	Register	PnP mode, Manual mode
	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, SSNR, Shutter, SSSD, DIS), Fisheye dewarping (Web), Hallway view setup, Camera webpage
Camera Control	PoE	Monitor PoE power consumption, On/Off control for each PoE camera, Remote reset for each PoE camera
Easy Configuration		Setup wizard (Date/Time, Network, Auto camera configuration), P2P (QR code)
Redundancy	ARB	Yes
Smart Phone	Control / Preset	Via GUI, Webviewer, 255 presets
	OS	Android, iOS
	Protocol Support	RTP, RTSP, HTTP, CGI (SUNAPI)
System Control	Control	Live (8CH) : Multi-profile support, Playback (1CH), Event push
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
<b>INDICATOR / INTERFACE</b>		
Front	Indicator	LED (Status indicator) : 6ea HDD action 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1
	VGA	1ea
	HDMI	1ea - Support up to 4K (3840 x 2160)
Connections	Audio	Out 1ea (RCA, Line)
	Ethernet	8ea (PoE/PoE+, 100Mbps), 1ea (WAN, 1Gbps) - WAN : Uplink to CMS
	Alarm	In 4ea (Terminal block) / Out 3ea (Terminal block)
	USB	Front 2ea (USB 2.0), Rear 1ea (USB 3.0)
	Reset	Switch (1ea)
	Power Cord	Included
<b>SYSTEM</b>		
Log	Log List	Max. 20,000 (System log, Event log each)
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%
	Power Consumption / PoE Budget	MAX.19W(134BTU, 2TB HDD x 1ea) / Max.100W
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
Mechanical	Color / Material	Black / Metal
	Dimensions (WxHxD)	370.0 x 44.0 x 320.0mm (14.57" x 1.73" x 12.6") (1U)
	Weight	3.36Kg (7.41 lb) (2TB HDD)

\* The latest product information / specification can be found at [hanwhasecurity.com](http://hanwhasecurity.com)  
\* Design and specifications are subject to change without notice.