

# XRN-810S

8CH Network Video Recorder with PoE Switch

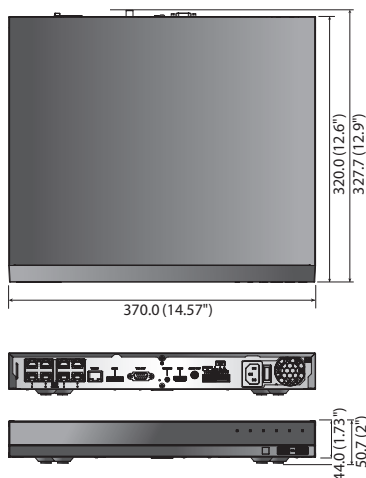


## Key Features

- 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
	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	100Mbps
Recording	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)
Storage	Mode	Date & Time (Calendar) / Event log list / Text search (POS, ANPR), ARB search, Smart search (Virtual Line w/ direction, Enter / Exit)
	Simultaneous Playback	Up to 8CH (Local, Network)
	Resolution	CIF ~ 8MP
Backup	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Default Built-In	0TB ~ 6TB
	Internal	2 (Max.12TB)
Sensor	Max. Capacity	12TB
	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)
	Compression	G.711, G.726, AAC (16/48KHz)
NETWORK	Audio Communication	2-way
	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	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
Language	GUI / Web	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
	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
	CMS Support	SDK / CGI (SUNAPI)
	FUNCTIONS	
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, SSDR, DIS), Fisheye dewarping (Web), Hallway view setup, Camera webpage
	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
	PTZ	Control / Preset
Smart Phone	OS	Via GUI, Webviewer, 255 presets
	Protocol Support	Android, iOS
	Control	RTSP, RTSP, HTTP, CGI (SUNAPI)
System Control	Live (8CH)	Multi-profile support, Playback (1CH), Event push
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
	Mouse, IR Remocon, Web	
<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
Connections	HDMI	1ea - Support up to 4K (3840 x 2160)
	Audio	Out 1ea (RCA, Line)
	Ethernet	8ea (PoE/PoE+, 100Mbps), 1ea (WAN, 1Gbps) - WAN : Uplink to CMS
Reset	Alarm	In 4ea (Terminal block) / Out 3ea (Terminal block)
	USB	Front 2ea (USB 2.0), Rear 1ea (USB 3.0)
	Power Cord	Switch (1ea)
SYSTEM	Log	Included
	Log List	Max. 20,000 (System log, Event log each)
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240 V AC ±10%
	Power Consumption/ PoE Budget	MAX. 19W (134BTU, 2TB HDD x 1ea) / Max. 100W
	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
Environmental	Operating Humidity	20% ~ 85% RH
	Color / Material	Black / Metal
	Dimensions (WxHxD)	370.0 x 44.0 x 320.0mm (14.57" x 1.73" x 12.6") (1U)
Mechanical	Weight	3.36Kg (7.41 lb) (2TB HDD)

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