

# XRN-6410DB4

64CH 32MP NVR



FC | UL LISTED | CE | EAC

## Key Features

- Up to 64CH, 32MP Resolution
- Max. 400Mbps network camera recording
- HDMI out
- User friendly UI / UX
- AI search support when working with Wisenet AI camera
- Dynamic Event support
  - New event function of cameras is available without software update
- Bookmark management (Up to 100 set)
- H.265, H.264, MJPEG compression support
- SATA 16ea (Up to 160TB)
- RAID 5/6 support

Display		
Network camera	Inputs	Max. 64CH
	Resolution	32MP ~ CIF
	Protocols	SUNAPI, ONVIF
Decoding	Local Display	[Dual Display] HDMI 1: 3840 x 2160 (30Hz) HDMI 2: 1920x1080 (60Hz)
	Multi Screen Display	[Local Monitor] 1/ 2H/ 2V/ 3V/ 4/ 6/ 8/ 9/ 13/ 16/ 25/ 36/ 64/ Sequence [Web] 1/ 2H/ 2V/ 3V/ 4/ 6/ 8/ 9
	Resolution	32M(15fps, H.265 Only), 12M(30fps, H.265 Only), 8.3M(120fps), 1080p(480fps), 720P(960fps), D1(960fps)
Performance		
Operating System	Embedded	Linux
Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 400Mbps
	Resolution	32MP ~ 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	RAID Mode : Max. 64Mbps(64CH simultaneously) Non-RAID Mode : Max. 32Mbps
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 112CH(Local 64CH, Remote 16CH per user)
	Fisheye Dewarping	CMS
	Mode	Date & Time(Calendar), Event list, Text Search, Smart Search
	Resolution	CIF ~ 32MP (Up to H.264 9MP, H.265 32MP)
	Playback Control	Fast/Slow Forward / Backward, Move one step Up / Down
Storage	Supported HDD	Up to 10TB
	HDD Slot	SATA 16ea(Max. 160TB, Non-RAID mode)
	External	iSCSI storage
	RAID	RAID-5/6(Array Size : 8 HDDs x 2 Array)
Backup	File backup	BU/Exe(GUI), JPG/AVI(Network)
	Function	Multi channel(Up to 16CH) 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. 400Mbps	

<b>Audio</b>	<b>Input/Output</b>	64 CH(network)
	<b>Compression</b>	G.711, G.726, AAC(16/48KHz)
	<b>Audio Communication</b>	2-Way
<b>Max Remote Users</b>	Search(3), Live Unicast(10), Multicast(20)	
<b>Security</b>	IP address filtering, User access Log, 802.1x, Encryption Device certificate(Hanwha Techwin Root CA), Signed firmware	
<b>Web viewer</b>	<b>Supported OS</b>	Windows 10, macOS 10.13
	<b>Supported browser</b>	Google Chrome, Microsoft Edge, Mac Safari
<b>Viewer Software</b>	SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS	

**Functions**

<b>Camera Setup</b>	<b>Register</b>	Auto, Manual
	<b>Item</b>	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, SSSDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage
<b>PTZ</b>	<b>Control</b>	Via GUI, Webviewer, SPC-2000
	<b>Preset</b>	300 Presets
<b>Smart phone</b>	<b>Support Model</b>	iOS, Android
	<b>Protocol Support</b>	RTP, RTSP, HTTP, CGI(SUNAPI)
	<b>Control</b>	Live 16CH(Multi-Profile Support), Playback 4CH
	<b>Max. Remote Users</b>	Search(3), Live Unicast(10)
<b>Redundancy</b>	<b>Failover</b>	N+1
	<b>ARB</b>	Support
<b>Easy configuration</b>	P2P(QR code)	

**Interface**

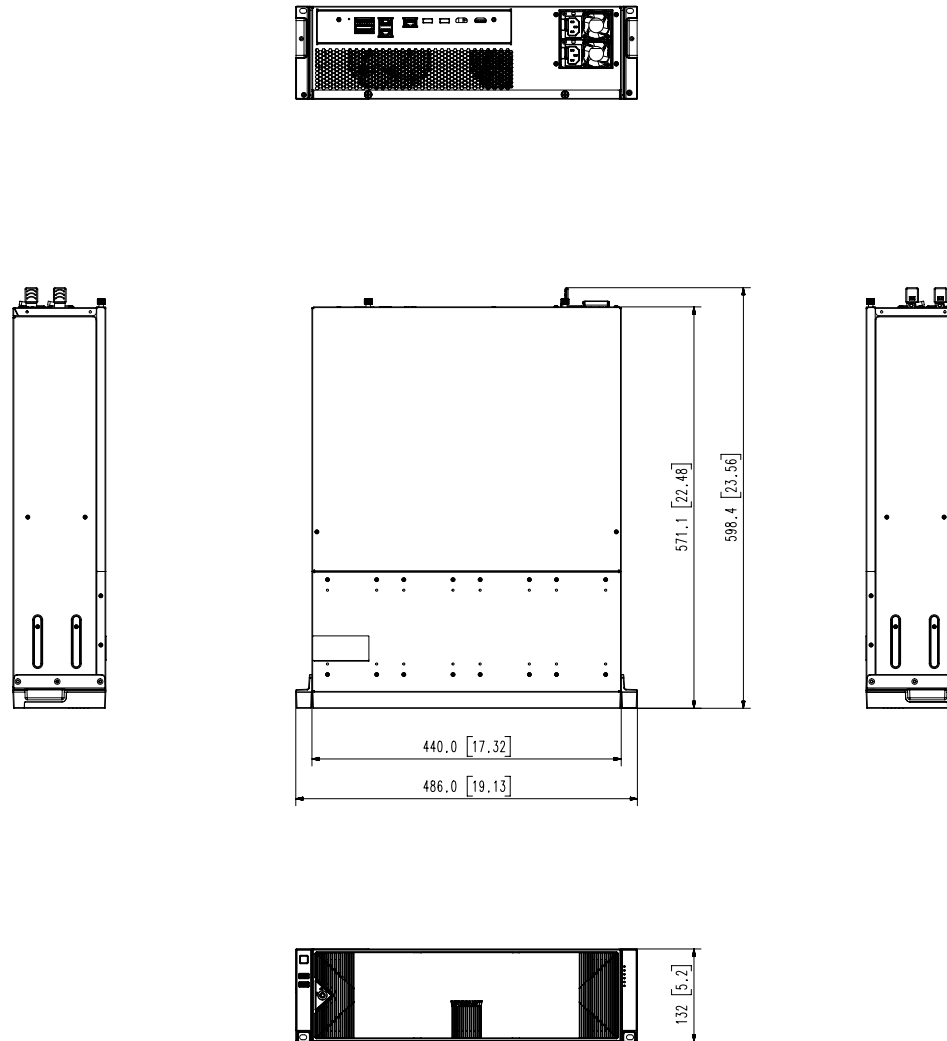
<b>Front</b>	<b>Indicator</b>	HDD, Alarm, Power, Record, Backup, Network
<b>Storage</b>	OK	
<b>Reset</b>	Power button	
<b>HDD Key Lock</b>	OK	
<b>HDMI</b>	2EA ( Playback/Setup → HDMI1) HDMI1 : 3840x2160 30Hz HDMI2 : 1920x1080 60Hz	
<b>Audio</b>	Out 1EA	
<b>Ethernet</b>	RJ-45 3EA (LAN/WAN, 1Gbps)	
<b>Alarm</b>	In 8EA, Out 4EA	
<b>USB</b>	4EA(Front 2 x USB 2.0, Rear 2 x USB 3.0)	
<b>Power inlet</b>	AC 2EA	

**System**

<b>Log</b>	<b>Log List</b>	Max. 100,000 (System Log, Event Log each)
------------	-----------------	---

<b>System Control</b>	Mouse, Web, Controller (SPC-2000)
<b>Language</b>	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
<b>Environmental</b>	
<b>Operating Temperature</b>	0°C to +40°C(32°F to 104°F)
<b>Operating Humidity</b>	20% ~ 85% RH
<b>Electrical</b>	
<b>Power Input</b>	100 ~ 240 VAC ±10%; 50/60 Hz, 2.7A (Dual SMPS)
<b>Power Consumption</b>	Max. 265W (904.2 BTU with HDD 16ea)
<b>Mechanical</b>	
<b>Color / Material</b>	Black / Metal
<b>Dimension (WxHxD)</b>	440.0 x 132.0 x 571.1mm
<b>Weight</b>	Approx. 14.1Kg(31.1 lb, HDD not included)
<b>Intelligent Analysis</b>	
<b>AI Search</b>	<b>Object Attribute</b> Compatible for Wisenet AI Camera

- 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.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.



Appearance Drawing  
PRN-6410DB4, XRN-6410DB4  
Unit : mm[inches]