



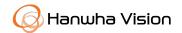
PRN-6400DB4

64CH AI NVR



Key Features

- Up to 8K (32MP) Resolution
- Al search (BestShot, Attribute)
- Object detection and classification
- SATA 16ea (Up to 160TB)
- Easy Channel/Event/Alarm configuration
- Video preview support
- Dynamic Event support
- Bookmark management (Up to 100 set)
- Simple connection with mobile phone through QR code
- Dual SMPS



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Specifications

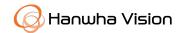
Display		
Network camera	Inputs	Max. 64CH
	Resolution	32MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	[Dual Display] HDMI 1: 3840 x 2160 (30Hz) HDMI 2: 1920x1080 (60Hz)
	Multi Screen Display	[Local Monitor] - Dynamic layout, Virtual channel view - Clone Mode: Up to 64 Division - Expand Mode: HDMI1 up to 36 Div. HDMI2 up to 16 Div. [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(1920fps)
Performance		
Operating System	Embedded	Linux
	Compression	H.265, H.264, MJPEG, WiseStream(H.265, H.264)
	Recording Bandwidth	Distributed mode: Up to 400 Mbps Normal mode: Up to 150 Mbps {RAID mode} Normal: Up to 400 Mbps Degrade/ Rebuild: Up to 320 Mbps
D 1	Resolution	32MP ~ CIF
Record	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, User Event
	Event Action	e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out, FTP, SUNAPI Command, Shotdown
	Playback Bandwidth	Max. 64Mbps(64CH simultaneously)
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 112CH(Local 64CH, Remote 16CH per user)
Search & Play	Fisheye Dewarping	Support (Local 1CH), 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



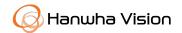
External SCSI storage RAID RAID-5/6(Array Size : 8 HDD x 2 Array) File backup BU/Exe/AVI(GUI), JPG/AVI(Network) Function Multi channel(Up to 16CH) Play, Date-Time/Title displated by the protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), SMTP, ICM (GMP, ARP, DNS, DDNS, UPPP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) DDNS Hanwha DDNS Transmission Bandwidth Max. 400Mbps Input/Output 64 CH(network) Audio 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 SSM, Webviewer, Smart Viewer, Wisenet mobile Support CGi(SUNAPI) for integration to 3'rd party VMS Functions Register Auto, Manual IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup (4, 8 point polygon) Camera and Setup (4, 8 point polygon) Item Fipsye Dewarping Mode, Hallway View Setup, Camera Webpage Camera Setup Via GUI, Wis GUI, Wise Preset 300 Presets Support Model IOS, Android Protocol Support RTP, RTSP, HTTP, CGI(SUNAPI)				
External ISCSI storage RAID RAID RAID Fold/Array Size : 8 HDID x 2 Array File backup BU/Exe/AVI(GUI), JPG/AVI(REMORY) Function BU/Exe/AVI(GUI), JPG/AVI(REMORY) Function BU/Exe/AVI(GUI), JPG/AVI(REMORY) Function Multi channel/Up to 16CH) Play, Date-Time/Title display Function Multi channel/Up to 16CH) Play, Date-Time/Title display Function Multi channel/Up to 16CH) Play, Date-Time/Title display Function IPP4, IPV4, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), SMTP, ICM (SUP), ARP, DNS, DION, UPPI, HTTPS, SMMP, OWNIF (Profile-S), SUNAMIServer, Client) Mark 400Mbps Input/Output 64 CH(network) Addition Compression G731, G726, AAC(16/48KHz) Addition Compression G731, G726, AAC(16/48KHz) Addition Compression G731, G726, AAC(16/48KHz) Addition Paddress, Staff (ISMAP) Paddress, Burneyton Device certificate(Hanwha Techwin Root CA), Signed firmware Search(3), Use Unicast(10), Multicast(20) Windows 10, macOS 10.13 Supported browser Google Chrome, Microsoft Edge, Mac Safari Supported browser Google Chrome Microsoft Edge, Mac Safari Paddress, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD etail, 14 Spoint polygon) Grown Microsoft Edge, Mac Safari Paddress, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD etail, 14 Spoint polygon) Grown Microsoft Edge, Mac Safari Paddress, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD etail, 14 Spoint polygon) Grown Microsoft Edge, Mac Safari Paddress, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD etail, 14 Spoint polygon) Grown Microsoft Edge, Mac Safari Paddress, Add profile edit,	Storage	Supported HDD	Up to 10TB	
External ISCSI storage RAID RAID-S/6/Array Size: 8 HDD x 2 Array)		HDD Slot	SATA 16ea(Max. 160TB, Non-RAID mode), Hot swap	
File backup BU/Exe/AVI(GUI), JPG/AVI(Network)		External	iSCSI storage	
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Front Indicator HDD, Alarm, Power, Record, Backup, Network, RAID Storage OK Reset Power button HDD Key Lock OK HDMI 2EA Audio Out 1EA (3.5mm Audio Jack)	nterface			
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Reset Power button HDD Key Lock OK HDMI 2EA Audio Out 1EA (3.5mm Audio Jack)			,	
HDD Key Lock HDMI 2EA Audio Out 1EA (3.5mm Audio Jack)				
Audio 2EA Out 1EA (3.5mm Audio Jack)				
Audio Out 1EA (3.5mm Audio Jack)				
	Audio	Out 1EA (3.5mm Audio Jack)		

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com Hanwha Vision is formerly known as Hanwha Techwin.





Alarm	In 8EA, Out 4EA		
USB	4EA(Front 2 x USB 2.0, Rear 2 x USB 3.0)		
Power inlet	AC 2EA		
System			
Log	Log List	Max. 100,000 (System Log, Event Log each)	
System Control	Mouse, Keyboard, Web, Controller (SPC-2000)		
Language	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, 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		
Electrical			
Power Input	$100 \sim 240$ VAC $\pm 10\%$; 50/60 Hz (Dual SMPS)		
Power Consumption	Max. 285W (972.5 BTU with HDD 16ea)		
Mechanical			
Color / Material	Black / Metal		
Dimension (WxHxD)	440.0 x 132.0 x 571.1mm		
Weight	Approx. 14.3Kg(31.5 lb, HDD not included)		
Intelligent Analysis			
Al Search	Object Attribute	Person, Face(with Wisenet Al camera), Vehicle, Lisence plate	
	LPR	English, Number (Wisenet AI, P/X Camera)	



PRN-6400DB4

64CH AI NVR







CAD Unit:mm [inch]

