



PRN-3200B2

32CH AI NVR



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Key Features

- Up to 8K (32MP) Resolution
- Al search (BestShot, Attribute)
- Object detection and classification, License Plate Recognition (LPR)
- SATA 8ea (Up to 80TB)
- 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



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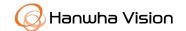
Specifications

Display		
Network camera	Inputs	Max. 32CH
	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] - Dynamic layout, Virtual channel view - Clone Mode: Up to 36 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
Record	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
	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, User Event
	Event Action	e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out, FTP, SUNAPI Command, Shotdown
Search & Play	Playback Bandwidth	RAID Mode: Max. 64Mbps Non-RAID Mode: Max. 32Mbps
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	Max. 80CH(Local 32CH, Remote 16CH per user)
	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



	Supported HDD	Up to 10TB
Charage	HDD Slot	SATA 8ea(Max. 80TB, Non-RAID mode)
Storage	External	iSCSI storage
	RAID	RAID-5/6(Single, 1 Array)
Backup	File backup	BU/Exe/AVI(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	
	Input/Output	32 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	
Walandarian	Supported OS	Windows 10, macOS 10.13
Web viewer	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		
	Register	Auto, Manual
Camera Setup	ltem	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
DT7	Control	Via GUI, Webviewer, SPC-2000
PTZ	Preset	300 Presets
	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
Smart phone	Control	Live 16CH(Multi-Profile Support), Playback 4CH
	Max. Remote Users	Search(3), Live Unicast(10)
D	Failover	N+1
Redundancy	ARB	Support
Easy configuration	P2P(QR code)	
Interface		
Front	Indicator	HDD, Alarm, Power, Record, Backup, Network, RAID
Storage	ОК	
Reset	ОК	
HDD Key Lock	ОК	
НДМІ	2EA (Playback/Setup → HDMI1) HDMI1 : 3840x2160 30Hz HDMI2 : 1920x1080 60Hz	





Audio	Out 1EA (3.5mm Audio Jack)	Out 1EA (3.5mm Audio Jack)		
Ethernet	RJ-45 3EA (LAN/WAN, 1Gbps)	RJ-45 3EA (LAN/WAN, 1Gbps)		
Alarm	In 8EA, Out 4EA			
USB	4EA(Front 2 x USB 2.0, Rear 2 x US	4EA(Front 2 x USB 2.0, Rear 2 x USB 3.0)		
Power inlet	AC 1EA			
System				
Log	Log List	Max. 100,000 (System Log. Event Log each)		
System Control	Mouse, Keyboard, Web, Controlle	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	20% ~ 85% RH		
Electrical				
Power Input	$100 \sim 240 \text{ VAC} \pm 10\%$; 50/60 Hz, 2.1A			
Power Consumption	Max. 205W (With 10TB HDDs 8EA)			
Mechanical				
Color / Material	Black / Metal			
Dimension (WxHxD)	438 x 86 x 434.9 mm			
Weight	Approx. 9.1Kg (20.1 lb, HDD not included)			
Intelligent Analysis				
Al Search	Object Attribute	Human, Face, Vehicle, Lisence plate		
	LPR	English, Number (Wisenet AI, P/X Camera)		