

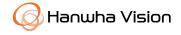


4CH Pentabrid DVR



Key Features

- 5-in-1 4CH Pentabrid DVR
- AHD/HDTVI/HDCVI/CVBS/IP inputs
- Total 6CH (Analog Max. 4CH and Network Max. 6CH
- supported), up to 8MP
- H.265, H.264, MJPEG codec
- 8/8fps@8MP, 12/12fps@5MP recording
- Coaxial control
- Up to 1 SATA HDDs(6TB/HDD)
- HDMI/VGA Dual monitor
- P2P service (QR code connect)



4CH Pentabrid DVR



Specifications

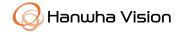
Display		
Analog camera	Inputs	4CH(1Vp-p 75ohm, BNC)
	Signal Type	AHD(8MP, 5MP, 4MP, 1080p, 720p) HDTVI(8MP, 5MP, 4MP, 1080p, 720p) HDCVI(5MP, 4MP, 1080p, 720p) CVBS(NTSC/PAL)
Network camera	Inputs	Max. 6CH
	Resolution	8MP ~ CIF
	Protocols	SUNAPI(Wisenet), ONVIF
Live	Local Display	1x HDMI, 1x VGA (simultaneous output) HDMI: 3840 x 2160, 2560x1440, 1920x1080, 1280x1024, 1280x720 VGA: 1920x1080, 1280x1024, 1280x720
	Resolution	[Analog Camera(NTSC/PAL)] - 8MP(15/12fps), 5MP(20/12fps), 4MP(30/25fps), 2MP(30/25fps),1MP(30/25fps), 960H(or 720H)(30/25fps) * per CH [Network Camera] - Typ. 2MP(120fps)
Performance		
	Compression	H.265, H.264, MJPEG
Record	Record Rate(Analog)	Analog Camera) (Main Stream) 8MP 8/8fps, 5M 12/12fps, 4M 15/12fps, 2M 30/25fps, 720p 30/25fps, 960H/640H 30/25fps (NTSC/PAL per CH) (Sub Stream) 720p or higher : 640x368 full fps/CH, SD signal : upto CIF full fps/CH * The maximum recording frame rate depends on the frame rate of the input camera.
	Recording Bandwidth	Max. 30Mbps
	Resolution	8MP ~ CIF
	Mode	Manual, Schedule (Continuous/Event), Event(Pre/Post), Dual Track
	Event Trigger	Alarm Input Analog Camera : Video Loss, Motion Detection,Tampering Network Camera : Camera Event (Sensor, MD, Video analytics), VA event (Tampering, Enter / Exit, Passing, Virtual- line, (Dis)Appear, Face Detection, Audio detection), Defocus camera event, Dynamic camera event
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	Max. 32Mbps (6CH simultaneously)
Search & Play	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	6CH(Local Monitor), 4CH(CMS, Wisenet Mobile) 1CH(Web)
	Fisheye Dewarping	WEB / CMS



Storage HDD Stot SATA LeadMas of B) Backup But Deskup BUL EXEInclude Player). Aut/Webviewer only) Function Max. 6 CH play. Date-time/title display Functions Via GUL Webviewer. SSM. SmartWewer, Wisenet Mobile PTZ Control Via GUL Webviewer. SSM. SmartWewer, Wisenet Mobile Support Model IOS. Android Protocol Support Frinctions Environmental Protocol Support RTP. RTS. HTTP. CON/SUNAPI) Smart phone Export Model IOS. Android Protocol Support Redundancy ARB mote Users Support Support Redundancy ARB mote Users Support Support Easy configuration Setup Wizard (Language Date/Time.Password. Network. Auto Camera Configuration), P2P (QR code) Control VGA IEA IEA IEA IEA Nota IEA		Supported HDD	Up to 6TB	
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Power Consumption Max. 22W (6T HDD 1ea) Mechanical Ketal	Power Input	DC12V		
Color / Material Black / Metal		Max. 22W (6T HDD 1ea)		
	Mechanical			
	Color / Material	Black / Metal		
	Dimension (WxHxD)			

Weight	Approx. 1.5Kg (3.30 lb, 4TB HDD 1ea)		
Network			
Protocol	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	Wisenet DDNS		
Transmission speed	Analog Camera) (Main Stream) 8MP 8/8fps, 5M 12/12fps, 4M 15/12fps, 2M 30/25fps, 720p 30/25fps, 960H/640H 30/25fps (NTSC/PAL per CH) (Sub Stream) 720p or higher : 640x368 full fps/CH, SD signal : upto CIF full fps/CH * The maximum recording frame rate depends on the frame rate of the input camera.		
Transmission Bandwidth	Max. 32Mbps		
	Input/Output	1 Line in / 1 Line out	
Audio	Compression	G.711 (N/W Cam G.711, 726)	
	Audio Communication	2-Way	
Max Remote Users	Search(3), Live Unicast(10), Multicast(20)		
Security	IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA)		
Viewer Software	SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS		

Hanwha Vision



4CH Pentabrid DVR

CAD

Unit:mm [inch]

