



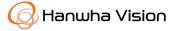
## HRX-835A

8CH Pentabrid DVR



### **Key Features**

- 5-in-1 8CH Pentabrid DVR
- AHD/HDTVI/HDCVI/CVBS/IP inputs
- Total 10CH(Analog Maximum 8CH and Network Maximum 10CH), up to 8MP
- H.265, H.264, MJPEG codec
- 8fps@8MP, 12fps@5MP, 15/12fps@4MP, 30/25fps@2MP recording
- Coaxial control
- Up to 4 SATA HDDs(6TB/HDD)
- HDMI/VGA Dual monitor (Expand mode)
- P2P service (QR code connect)





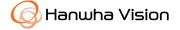


#### **Specifications**

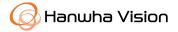
Display		
Analog camera	Inputs	8CH(1Vp-p 75ohm, BNC)
	Signal Type	AHD(8MP, 5MP, 4MP, 1080p, 720p) HDTVI(8MP, 5MP, 4MP, 1080p, 720p) HDCVI(8MP, 5MP, 4MP, 1080p, 720p) CVBS(NTSC/PAL)
Network camera	Inputs	2CH (Up to 10CH)
	Resolution	8MP ~ CIF
	Protocols	SUNAPI(Wisenet), ONVIF
Live	Local Display	1x HDMI, 1x VGA (Dual monitor) HDMI: 3840 x 2160, 2560x1440, 1920x1080, 1280x1024 1280x720 VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
	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] - 2MP(up to 30fps/CH)
Performance		
Record	Compression	H.265, H.264, MJPEG
	Record Rate(Analog)	(Main Stream, NTSC/PAL) 8M 8/8fps, 5M 12/12fps, 4M 15/12fps, 2M 30/25fps, 720p 30/25fps, Under 960H 30/25fps/CH (Sub Stream) 720p/CH or Higher : 640x368 Full fps, SD : up to SD Full fps * The maximum recording frame rate depends on the frame rate of the input camera.
	Recording Bandwidth	Max. 80Mbps
	Resolution	8MP ~ CIF
	Mode	Normal, Dual Stream, Schedule(Continuous/Event), Event (Pre/Post), Bookmark
	Event Trigger	Alarm Input, Video Loss Analog Camera : Video Loss, Motion Detection,Tamperin Network Camera : 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, Shutdown
Search & Playback	Playback Bandwidth	Max. 32Mbps (10CH simultaneously)
	User	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	10CH(Local Monitor), 10Ch (CMS), 4Ch (Wisenet Mobile), 1Ch(Web)
	Fisheye Dewarping	CMS (only N/W Camera)
Storage	Supported HDD	Up to 6TB
	HDD Slot	SATA 4ea(Max 24TB)



Backup	File backup	Set : Recorder, SEC, AVI Webviewer : AVI	
•	Function	Max. 10 CH play, Date-time/title display	
Functions			
PTZ	Control	Via GUI, Webviewer, SSM, SmartViewer, Wisenet Mobile Viewer, System Controller	
	Support Model	iOS, Android	
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)	
Smart phone	Control	Live(8ch) : Multi-Profile Support Playback(4Ch Multi Playback, Max 2MP) Event push	
	Max. Remote Users	Search(3), Live Unicast(10)	
Redundancy	ARB	Support	
Easy configuration	Setup Wizard (Language Date/Time, Password, Network, Auto Camera Configuration), P2P (QR code)		
Coaxial Control	CVBS(Pelco-C)/AHD/CVI/TVI		
Interface			
HDMI	1EA		
VGA			
BNC	1EA 8CH In / 1CH Out(Spot Output)		
Audio	8CH In / 1CH Out(Spot Output)		
Ethernet	Out(1EA, RCA, Line) RJ-45(10/100/1000BASE-T)		
Alarm	In 8EA, Out 4EA - Relay Out1(NO/NC/COM) - Relay Out2~4(NO/COM)		
USB	2EA(Front USB2.0, Rear USB 3.0))		
Serial(Protocols)	RS-485/422 (Samsung-T/Pelco-D/Pelco-p) * for PTZ		
Power inlet	1EA AC		
System			
System Control	Mouse, Webviewer, System Controller(SPC-7000, SPC-6000, SPC-2000, SPC-2001)		
Language	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Romanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai		
Environmental			
Operating Temperature	0°C to +40°C(+32°F to +104°F)		
Operating Humidity	20% ~ 85% RH		
Certification	UL, CE, FCC, KC, UKCA		
Electrical			
Power Input	100~240 VAC±10%, 50/60 Hz		
Power Consumption	Max. 100W (6T HDD 4ea)		
Mechanical			
Color / Material	Black / Metal		
Dimension (WxHxD)	440 x 88 x 384.8mm(17.32" x 3.46" x 15.15")		
Weight	Approx. 6.0Kg (13.2 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 CH, 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 : up to CIF full fps/CH * The maximum recording frame rate depends on the frame rate of the input camera.		
Transmission Bandwidth	Max. 64Mbps		
	Input/Output	8 Lline in (RCA 4 Line, Option : Audio Extension Cable) / 1Line line out	
Audio	Compression	G.711 (N/W Camera 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 Vision Root CA)		
Viewer Software	SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer		



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#### CAD

Unit:mm [inch]

