



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)

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Specifications

| Display | | |
|----------------|-----------------------|---|
| | Inputs | 8CH(1Vp-p 75ohm, BNC) |
| Analog camera | Signal Type | AHD(8MP, 5MP, 4MP, 1080p, 720p) HDTVI(8MP, 5MP, 4MP, 1080p, 720p) HDCVI(8MP, 5MP, 4MP, 1080p, 720p) CVBS(NTSC/PAL) |
| | Inputs | 2CH (Up to 10CH) |
| Network camera | Resolution | 8MP ~ CIF |
| | Protocols | SUNAPI(Wisenet), ONVIF |
| | Local Display | 1x HDMI, 1x VGA (Dual monitor) HDMI: 3840 x 2160, 2560x1440, 1920x1080, 1280x1024, 1280x720 VGA: 1920x1080, 1280x1024, 1280x720, 1024x768 |
| Live | 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 | | |
| | 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 |
| Record | 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, Tampering 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 |
| | Playback Bandwidth | Max. 32Mbps (10CH simultaneously) |
| | User | Max. 4 Users (Local 1, Remote 3) |
| Search & Play | Simultaneous playback | 10CH(Local Monitor), 10Ch (CMS), 4Ch (Wisenet Mobile), 1Ch(Web) |
| | Fisheye Dewarping | CMS (only N/W Camera) |
| | Supported HDD | Up to 6TB |
| Storage | HDD Slot | SATA 4ea(Max 24TB) |

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.

| | | |
|-----------------------|--|--|
| 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 |
| Smart phone | Protocol Support | RTP, RTSP, HTTP, CGI(SUNAPI) |
| | 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 | 1EA | |
| BNC | 8CH In / 1CH Out(Spot Output) | |
| Audio | Out(1EA, RCA, Line) | |
| Ethernet | 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 | | |

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| | | |
|------------------------|--|---|
| 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 | |
| Audio | Input/Output | 8 Line in (RCA 4 Line, Option : Audio Extension Cable) / 1Line line out |
| | 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]

