HVRM-HD800M



FEATURES

8 CHANNEL HD-SDI DIGITAL VIDEO RECORDER

- 8 channel HD-SDI stand-alone DVR with H.264 and JPEG dual codec
- 8 channel Max. 60 fps recording with 1080P, 120 fps recording with 720P
- Adjustable resolution 1080P, 720P and frame rate per channel
- 4 internal HDDs with SATA type (Max. 4 HDDs can be installed)
- Support external storage with Max. 64TB via external storage HVRM-04
- Support Multi- stream for recording and network and mobile view simultaneously
- 4ch audio inputs for recording and 1 ch output for two-way audio
- Built-in 1 HDMI and VGA video out support up to 1080P
- Built-in multiplexer for 8 channel live monitoring and playback (1/4/8 mode)
- Built-in DVD-RW, USB and eSATA port for data backup
- Support large scaled storage via Gigabit Ethernet
- Support PTZ presets and tour feature via Control Center Software
- Support IR remote control and external keyboard via RS485/232
- Provide remote monitoring Control Center software
- Built-in web server for web browser viewing and playback
- Support Network Time Protocol for time synchronization
- Schedule, event, thumbnail, date/time, log, text, smart search available from Control Center software
- Support IPFR (Intelligent power failure recovery)
- Mobile Viewer supported (iPhone, Black Berry, Android platform)
- HD-SDI video Input Standard SMPTE 292M applied
- FCC, CE, MIC, RoHS

Model Number HVRM-HD800M Operating System Embedded Linux Video Input (BNC, 1Vp-p) 8 Video Output 1 HDMI, 1 VGA Loop Out N/A Live Displays 1, 4, 8 Playback Display Speed 240 fps Record Resolution 1080P, 720P Record Speed 60fps at 1080P, 120fps at 720P Alarm In/Out (Relay) 8 Input / 4 output System Control Keyboard controller System Control SW Control Center, Web Browser PTZ Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, LAN, WAN(XDSL), DHCP, ARP, ICMP, PPPOE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android Power Input: 100-230VAC, 50/60Hz	Specifications	
Video Input (BNC, 1Vp-p) 8 Video Output 1 HDMI, 1 VGA Loop Out N/A Loop Out N/A Live Displays 1, 4, 8 Playback Displays 1, 4, 8 Playback Displays 1, 4, 8 Video Compression H.264, MJPEG Live Display Speed 240 fps Record Resolution 1080P, 720P Record Speed 60fps at 1080P, 120fps at 720P Alarm In/Out (Relay) 8 Input / 4 output System Control Key Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controller System Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Multiplex Function Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Model Number	HVRM-HD800M
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Loop Out N/A Live Displays 1, 4, 8 Playback Displays 1, 4, 8 Video Compression H.264, MJPEG Live Display Speed 240 fps Record Resolution 1080P, 720P Record Speed 60fps at 1080P, 120fps at 720P Alarm In/Out (Relay) 8 Input / 4 output System Control Key Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controller System Control SW Control Center, Web Browser PTZ Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44330 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Multiplex Function Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Video Input (BNC, 1Vp-p)	8
Live Displays 1, 4, 8 Playback Displays 1, 4, 8 Video Compression H.264, MJPEG Live Display Speed 240 fps Record Resolution 1080P, 720P Record Speed 60fps at 1080P, 120fps at 720P Alarm In/Out (Relay) 8 Input / 4 output System Control Key Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controller System Control SW Control Center, Web Browser PTZ Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, LAN, WAN(XDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Video Output	1 HDMI, 1 VGA
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Live Display Speed 240 fps Record Resolution 1080P, 720P Record Speed 60fps at 1080P, 120fps at 720P Alarm In/Out (Relay) 8 Input / 4 output System Control Key Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controller System Control SW Control Center, Web Browser PTZ Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Playback Displays	1, 4, 8
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Record Speed60fps at 1080P, 120fps at 720PAlarm In/Out (Relay)8 Input / 4 outputSystem ControlKey Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controllerSystem Control SWControl Center, Web BrowserPTZ ControlRS485Audio4ch Input, 1ch OutputDisplayBrightness, Contrast and Covert FeatureCamera Title22 Characters per ChannelRecording ModeSchedule, Event (Pre/Post), Manual (Emergency)Recording Quality5 Levels of Compression Rate/Record Frame Rate AdjustmentPre/Post RecordingPre: 5 sec/Post: 60 secMotion Detection44X30 GridSearch ModeDate/Time, Event Alarm, Text, Smart Search (Motion)Playback ModesForward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64xMultiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Live Display Speed	240 fps
Alarm In/Out (Relay) System Control Key Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controller System Control SW Control Center, Web Browser PTZ Control R\$485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Recording Quality Fre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 R\$-232C, 2R\$-485, 1 Ethernet, 2 USB Storage Entension ESATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage i Phone, Black Berry, Android	Record Resolution	1080P, 720P
System Control Key Buttons, Remote client, IR Remote, USB Mouse, HKB-400 Keyboard controller System Control SW Control Center, Web Browser PTZ Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard mobil Webpage	Record Speed	60fps at 1080P, 120fps at 720P
System ControlKeyboard controllerSystem Control SWControl Center, Web BrowserPTZ ControlRS485Audio4ch Input, 1ch OutputDisplayBrightness, Contrast and Covert FeatureCamera Title22 Characters per ChannelRecording ModeSchedule, Event (Pre/Post), Manual (Emergency)Recording Quality5 Levels of Compression Rate/Record Frame Rate AdjustmentPre/Post RecordingPre: 5 sec/Post: 60 secMotion Detection44X30 GridSearch ModeDate/Time, Event Alarm, Text, Smart Search (Motion)Playback ModesForward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64xMultiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Alarm In/Out (Relay)	8 Input / 4 output
PTZ Control RS485 Audio 4ch Input, 1ch Output Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Multiplex Function Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	System Control	
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Display Brightness, Contrast and Covert Feature Camera Title 22 Characters per Channel Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Multiplex Function Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	PTZ Control	RS485
Camera Title22 Characters per ChannelRecording ModeSchedule, Event (Pre/Post), Manual (Emergency)Recording Quality5 Levels of Compression Rate/Record Frame Rate AdjustmentPre/Post RecordingPre: 5 sec/Post: 60 secMotion Detection44X30 GridSearch ModeDate/Time, Event Alarm, Text, Smart Search (Motion)Playback ModesForward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64xMultiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Audio	4ch Input, 1ch Output
Recording Mode Schedule, Event (Pre/Post), Manual (Emergency) Recording Quality 5 Levels of Compression Rate/Record Frame Rate Adjustment Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard iPhone, Black Berry, Android	Display	Brightness, Contrast and Covert Feature
Recording Quality Pre/Post Recording Pre: 5 sec/Post: 60 sec Motion Detection 44X30 Grid Search Mode Date/Time, Event Alarm, Text, Smart Search (Motion) Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Multiplex Function Alarm Notification Support IPFR Intelligent Power Failure Recovery Watermark Password Protection Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage I2TB Storage Entension Back Up USB, DVDRW, Network, eSATA, Network Line Search (Motion) Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Camera Title	22 Characters per Channel
Pre/Post RecordingPre: 5 sec/Post: 60 secMotion Detection44X30 GridSearch ModeDate/Time, Event Alarm, Text, Smart Search (Motion)Playback ModesForward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64xMultiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Recording Mode	Schedule, Event (Pre/Post), Manual (Emergency)
Motion Detection44X30 GridSearch ModeDate/Time, Event Alarm, Text, Smart Search (Motion)Playback ModesForward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64xMultiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Recording Quality	5 Levels of Compression Rate/Record Frame Rate Adjustment
Search ModeDate/Time, Event Alarm, Text, Smart Search (Motion)Playback ModesForward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64xMultiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Pre/Post Recording	Pre: 5 sec/Post: 60 sec
Playback Modes Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x Multiplex Function Simultaneous Live Display, Playback, Record, Remote Monitoring/Playback Alarm Notification Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Motion Detection	44X30 Grid
Multiplex FunctionSimultaneous Live Display, Playback, Record, Remote Monitoring/PlaybackAlarm NotificationAutomatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network EventSupport IPFRIntelligent Power Failure RecoveryWatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Search Mode	Date/Time, Event Alarm, Text, Smart Search (Motion)
Monitoring/Playback Alarm Notification Automatic E-mail, Internal Buzzer, Relay-Out, Pop-Up Screen, Network Event Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Playback Modes	Forward, Reverse, Pause, 1x, 2x, 4x, 8x, 16x, 32x, 64x
Support IPFR Intelligent Power Failure Recovery Watermark Yes Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Multiplex Function	1 0 0
WatermarkYesPassword Protection11 Level Password (Admin/10 users)Interface1 RS-232C, 2RS-485, 1 Ethernet, 2 USBStorage4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Alarm Notification	
Password Protection 11 Level Password (Admin/10 users) Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Support IPFR	Intelligent Power Failure Recovery
Interface 1 RS-232C, 2RS-485, 1 Ethernet, 2 USB Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Watermark	Yes
Storage 4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04 Maximum Storage 12TB Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Password Protection	11 Level Password (Admin/10 users)
Maximum Storage12TBStorage EntensioneSATABack UpUSB, DVDRW, Network, eSATA,NetworkLAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTPRemote ClientControl Center StandardMobil WebpageiPhone, Black Berry, Android	Interface	1 RS-232C, 2RS-485, 1 Ethernet, 2 USB
Storage Entension eSATA Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Storage	4 Internal HDD, 1 eSATA, Giga Ethernet for HVRM-04
Back Up USB, DVDRW, Network, eSATA, Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard iPhone, Black Berry, Android	Maximum Storage	12TB
Network LAN, WAN(xDSL), DHCP, ARP, ICMP, PPPoE, WESP, UDP, TCP/IP, SMTP, FTP Remote Client Control Center Standard iPhone, Black Berry, Android	Storage Entension	eSATA
Remote Client Control Center Standard Mobil Webpage iPhone, Black Berry, Android	Back Up	USB, DVDRW, Network, eSATA,
Mobil Webpage iPhone, Black Berry, Android	Network	
	Remote Client	Control Center Standard
Power Input: 100-230VAC, 50/60Hz	Mobil Webpage	iPhone, Black Berry, Android
	Power	Input: 100-230VAC, 50/60Hz

Specifications	
Power Consumption	Max 75W, Average 50W
Operation Temperature	5°C ~ +40°C (41°F ~ 104°F)
Storage Temperature	-25°C~ +70°C (-13°F ~ 158°F)
Operation Humidity	85%RH Below
Storage Humidity	95%RH Below
Dimension (inch)	17.5(W)x17.4(D)x3.46(H)