

# HVRM-HDC400F



## FEATURES

### 4ch HD-SDI Real-time DIGITAL VIDEO RECORDER

- 4ch HD-SDI Standalone DVR
- Certified by HDcctv(TBD)
- Max. 100/120fps Recording & Playback at Full-HD 1080p resolution
- Adjustable recording quality and framerate per each channel
- Supports High-resolutions over 1200TV lines at Live/Playback
- Supports Dual Codec(H.264,JPEG) & Multi Stream (HD, nHD(640×360))
- Full-HD 1920×1080 resolution output via HDMI port Various Live and Playback display (1/4 Split-screen)
- Robust IPFR (Intelligent Power Failure Recovery) DVR File System
- Max. 2 Internal SATA Type HDDs
- Date/Time, Calendar, Event, Thumbnail, Smart, Text Search available
- At-the-PC Playback of removed DVR HDD
- Lightning arrester on HD-SDI, RS-485, DIO ports
- Provides bundle CMS program, managing Max. 1,024 DVRs in various ways such as E-map, Viewset
- Java Viewer for Chrome, Firefox, Safari
- Supports various mobile platform (iPhone/Android Viewer, Mobile page)

Specifications	
Model Number	HVRM-HDC400F
Operating System	Embedded Linux
Compression	H.264 / JPEG
Video Input	SMPTE 292M (HD-SDI)

<b>Specifications</b>	
Connectors	4ch, 75Ω, BNC connector
Loop Out	N/A
Video Output	HDMI
Live Displays	1,4 split-screen
Live Display Speed	120 fps
Record Resolution	1080P, 720P
record Speed	120fps at 1080P, 120fps at 720P
Alarm In/Out (Relay)	4/2
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
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	2 internal SATA HDDs
Maximum Storage	8 TB
Maximum Storage	Max. 16TB with 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
Power	DC12V, 5A
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

<b>Specifications</b>	
Storage Humidity	95%RH Below
Dimension (inch)	11.4 x 9.13 x 2.6 inch
Weight	5.5 lb