

# HD-CCTV DVR

Rev 2.0



## HDC801H Full-HD Digital Video Recorder

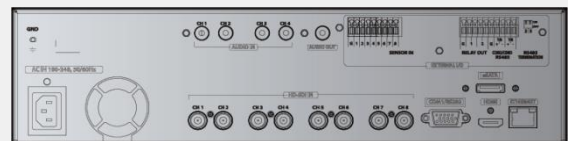
### Key Features

- 8ch HD-SDI Standalone DVR
- Certified by HDcctv Alliance
- Max. 120/100fps 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(640x360))
- Full-HD 1920x1080 resolution output via HDMI port
- Various Live and Playback display (1/4/8 Split-screen)
- Robust IPFR (Intelligent Power Failure Recovery) DVR File System
- Max. 2 Internal SATA Type HDDs
- Supports Max. 32TB(e-SATA) external storage interface
- 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)
- Provides Full SDK for easy and powerful customization

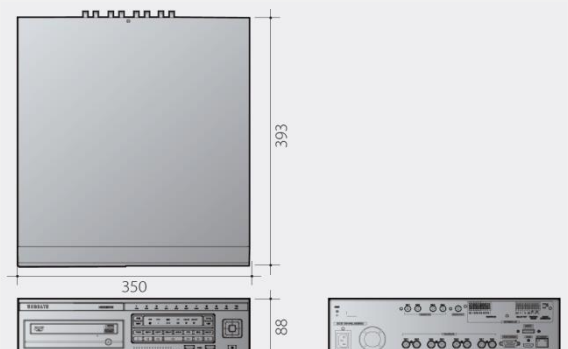
### Front



### Back



### Dimensions (Unit : mm)



## Specifications

<b>VIDEO INPUT</b>		<b>NETWORK</b>	
Video input standard	SMPTE 292M (HD-SDI)	Interface	1 Gigabit Ethernet (10/100/1000Mbps)
Resolution / Framerate	SMPTE 274M(1080p, 1920x1080) : 25, 30, 29.97 fps Input format auto detection	Type	Static IP, Dynamic IP, xDSL
Connectors	8ch, 75Ω BNC connector	DDNS	WNS, DynDNS, NoIP, WRS
<b>VIDEO OUTPUT</b>		Bandwidth limit	Supported
Video output	HDMI	NTP	Server / Client / Both
	1, 4, 8 split-screen	Users	10 monitoring, 2 playback
	User defined sequence / Alarm pop-up	Streaming	1 HD, H.264 stream, Same as recording setting
	1920 x 1080p via HDMI port		1 additional H.264 stream, nHD(640 x 360)
<b>RECORDING</b>		1 JPEG stream, nHD(640 x 360) for e-mail or mobile	
Compression	H.264 / JPEG	<b>SECURITY</b>	
Resolution	1920 x 1080	User level	1 admin, 10 users
Rate	120/100fps at 1080p	User privilege	Menu, PTZ, Relay, Playback, Power, Copy, Network MIC
Quality	1080p, 10 levels up to 12Mbps	IP filtering	Supported
Mode	Manual & Event / Schedule & Event / Continuous & Event	<b>STORAGE &amp; BACKUP</b>	
Schedule	24hrs / 7days	Storage devices	2 internal SATA HDDs, 1 external eSATA Interface
<b>PLAYBACK</b>		File system	Proprietary file system, Data-loss protection against power-failure
Mode	Instant playback / search	Capacity	Max. 32TB with eSATA
Speed	Max. 120/100fps at 1080p	Backup type	Multi-channel or Single channel avi file
Search type	Time, Calendar, Timeline, Event, Thumbnail, Smart, Text	Backup device	USB drive (2 ports)
Block playback	24hours ~ 99days	S.M.A.R.T.	Temperature and Health checking
<b>EVENT &amp; ALARM</b>		<b>SEIRAL &amp; I/O</b>	
Event source	MD(Motion Detection), Sensor, Text, Video Loss	Serial port	1 RS-232C, 2 RS-485
Event check schedule	24hrs / 7days	Sensor input	8 Dry-contacts
Event action	Buzzer, Relay, E-mail, FTP, Alarm pop-up	Relay output	2 Relays
MD area	15 x 10	<b>CONTROLLER</b>	
Sensor input	Dry contact (NO or NC selectable)	Device	Front panel, IR remote, Joystick Keyboard, Mouse
Text input	POS/ATM support, AVE VSI Pro/Hydra support	<b>SOFTWARE</b>	
<b>SYSTEM ALARM</b>		Web viewer	Monitoring / Event / PTZ / Playback with IE
Alarm source	HDD fail, HDD almost full, Password fail, WRS fail	Java viewer	Monitoring / Event/ PTZ with IE, Chrome, Safari
Alarm action	Warning message, Buzzer, E-mail, Relay	Mobile viewer	Monitoring / PTZ / LogView with iPhone & Android
<b>AUDIO</b>		CMS	Control Center Standard, Max. 1024 DVRs
Input/output	Input 4ch RCA / output HDMI, RCA	SDK	ActiveX(COM) SDK
Compression	16KHz, 16bit sampling ADPCM	<b>ENVIRONMENTAL &amp; PHYSICAL</b>	
Direction	Both	Dimension	350(W) x 393(D) x 88(H) mm
<b>PTZ</b>		Weight	8 Kg (No HDD)
Protocols	35 models including C1080, C1080PT-Z20, Pelco-D, Pelco-P, Samsung, Panasonic and others	Operating Temperature	5°C~45°C (41°F ~ 113°F)
		Power	AC free volt (100 ~ 240VAC), 50/60Hz
		Power consumption	Max. 75W Typical 50W (1HDD)
		Approval	KC, FCC, CE, RoHS, HDcctv