

# Image Quality, Reliability, Performance

## EX-SDI H.264 1080p Real-Time Recording



# EHT Series

Cable Dist.

EX-SDI 2.0 up to 500m 1080p30 / EX-SDI 1.0 up to 400m 1080p30

## Major Features

- Pentaplex Operations (Simultaneous Live, Recording, Playback, Network, Backup)
- 240FPS Real-Time Recording (1080p).
- Up to 16CH simultaneous playback.
- Each Channel Recording Frame, Resolution, Quality and Audio setting.
- Various Playback modes support (Museum, Panorama, Event and Section Repeat Playback)
- E-Mail Notification on specific events.
- Viewer software for SMART PHONE (I-pad, I-phone, Android)
- Digital zoom in live view & playback.
- Smart HDD Recovery.
- Live view in Playback.
- SATA II support.
- Gigabit Network.
- Dual Streaming support.
- Remote Firmware upgrade.



Live Viewer



SMS eMap



Web Viewer



Smart Phone  



- 1080p 240FPS Recording
- Full HD (1080p) Display



Model		EHT-1600	EHT-800	EHT-400
Performance		PENTAPLEX		
Live Display Speed		Real-Time		
Recording Speed	Max. (1080P)	240 fps	240 fps	120 fps
	Max. (720P)	240 fps	240 fps	120 fps
Video In	Channel / Transmission	16CH (BNC) / EX-SDI, HD-SDI	8CH (BNC) / EX-SDI, HD-SDI	4CH (BNC) / EX-SDI, HD-SDI
Video Out	Main Display	HDMI / VGA		
	Main Display Resolution	1920x1080 (P), 1600x1200(P), 1440x900(P), 1280x1024(P), 1280x720 (P), 1024x768(P)		
	SPOT	1CH(BNC) (SD)		
Audio	Input / output	16/1	8/1	4/1
Alarm	Input / output	4/1	NONE	NONE

#### Details

Screen	Display Split	1,4,7,9,10,13,16	1,4,7,9	1,4
	Interface	Graphic User Interface		
Video	Codec	H.264		
	Image Quality	4 Levels ( Low / Normal / High / Highest )		
	Recording type	Schedule / Continuous / Event (Motion)		
Storage	Interface type	SATA 3.0		
	HDD	Up to 2 HDD's	Up to 1 HDD (option : e-SATA )	
Connectors	USB port	USB 2.0 2 PORT (1 USB : Front, 1 USB : Back)		

#### Function

Live Display	OSD	On / Off		
	Border Color / Digital Zoom	Selectable / Up to 4X		
	Cameo	Camera Adjustment / Camera position change / Freeze / Audio on		
Motion	Area	Adjustable GRID (16 X 12)		
	Sensitivity	5 Level motion detection		
System	Hidden Video	Video is hidden in Live view but it is recorded		
	PTZ	Supported recent PTZ camera protocol / Preset up to 255 / RS 485		
	Private Zone	Block the private zone in live camera view		
	Auto Time Synch	By NTP(Network Time Protocol)		
	Firmware Update	Via USB / Network		
Event	SMART HDD	Auto Detect & Monitoring HDD's problem		
	Source	Motion / Video loss		
	Action	Recording, e-Mail, Log file, Send message to Remote, Buzzer, Pop Up Window, PTZ preset		
Search	Pre/Post REC	Yes (Up to 10 sec / Up to 100 sec)		
	Speed	x1, x2, x4, x8, x16		
	Quick / Event search	Search by time with calendar / Search by event		
	Repeat search	Select specific time period and playback repeatedly		
	Panorama search	Frame by frame		
	Smart search	Search only specific selected area		
Backup	CAMEO	Live monitoring during playback, Playback camera change, Freeze and Digital zoom		
	File format	DVR Format		
	Media	USB		
Network	Protocol	Static IP, DHCP, DDNS		
	Physical / Mac Layer	RJ45 (10/100/1000 Mbps), Ethernet		
	Browser	SMS, Web Viewer, Smart Phone Viewer (Android, I-phone)		

#### Environment

Operating Temperature / Humidity		0~40℃ / 20~80% RH	
Dimension / Weight		350(W) X 258(D) X 70(H) / 3Kg (without HDD)	260(W) X 237(D) X 44(H) / 1.2 Kg (without HDD)
Power Requirement / Consumption		AC 100V~220V (50Hz-60Hz) / Adaptor 60W	AC 100V~220V (50Hz-60Hz) / Adaptor 36W



- 1080p 240FPS Recording
- Full HD (1080p) Display



## Dimension



4ch Rear



8ch Rear

