

EX-SDI / IP HYBRID DVR FCD SERIES

Maximum Distance 500M

Model: FCD-104RE



Model: FCD-408HE, FCD-416HE



Maximum Distance 500m with EX-SDI Signal

H.264 High Profile Compression

EX-SDI(HD-SDI), Analog and IP True Hybrid DVR

Mobile Viewer for Various OS (iPad, iPhone, Android)

Superior Analog Video Quality with 3D-Comb Filter

Relay Alarm Out Port (Dry Contact Type) with Master Alarm

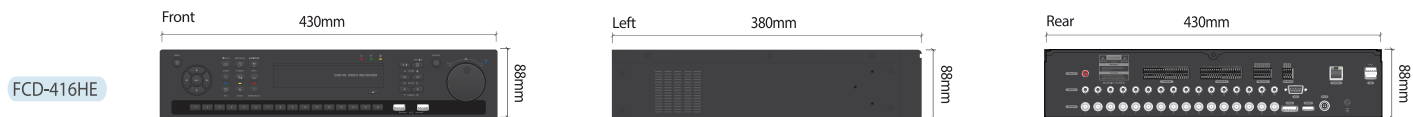
Full HD 1080p EX-SDI / IP Hybrid DVR

SPECIFICATION

MODEL	FCD-104RE	FCD-408HE	FCD-416HE
Compression	H.264 (High Profile)		
Operating System	Embedded Linux		
OS Firmware	Linux OS in Flash Memory		
Signal Format	EX-SDI(HD-SDI) (720p, 1080p 30) / Max. 4CH IP		EX-SDI(HD-SDI) (720p, 1080p 30) / Max. 4CH IP / NTSC or PAL (Auto / Manual)
Memory	1GB DDR3 Memory	2GB DDR3 Memory	2GB DDR3 Memory
Video Input	4 (BNC)	8 (BNC)	16 (BNC)
Video Output	-	Composite: 1	
VGA	1 Port (Max. 1920 x 1080)		
HDMI	1 Port (Max. 1920 x 1080)		
Multi Spot Out	-	Composite: 1	
Recording Rate (Max.)	120fps @1080 30	240fps @1080 30 / 240(200)fps @960H	480fps @1080 30 / 480(400)fps @960H
Audio Input / Output	2 Input / 1 Output	8 Input / 1 Output	16 Input / 1 Output
Alarm Input	2 Input	8 Input	16 Input
Master Alarm	-	1	1
Alarm Output	1 (TTL) / 1 (Relay)	8 (TTL) / 2 (Relay)	16 (TTL) / 2 (Relay)
USB 2.0	2 x USB (1 x Front Panel, 1 x Rear Panel)		4 x USB (2 x Front Panel, 2 x Rear Panel)
Ethernet	10 / 100 / 1000 Mbps Ethernet (RJ-45)		
User Interface (GUI / Control Device)	Keypad, Mouse, PTZ Control, Remote Controller		
Archive File Format	EXE (Video Clip) / AVI (Video Clip) / JPEG (Still Image)		
NTP Server	Yes		
GMT Time Zone	Yes		
Auto DST	Yes		
Recording Qualities	Super / High / Standard / Low		
Recording Modes	Continuous / Alarm / Motion / Emergency		
Motion Detection	Yes (30 x 20)		
Playback Control	x1, x2, x4, x8, x16, x32, x64, Extreme		
PTZ Control	RS-485 /422 Terminal Block		
Text Insertion (POS)	4		
Multi Language	English / French / Japanese / Korean / Russian / Finnish / Turkish / Dutch / Chinese / Vietnamese / Thai / Spanish / German / Arabic/ Italian / Portuguese		
Central Monitoring Station	CMS Pro (Windows) / iCMS (Mac) / Web Client Pro		
Mobile Viewer	iPad / iPhone / Android		
Primary Storage	1 x SATA HDD	4 x SATA HDD, 1 x ODD	
eSATA	-	1 Port	1 Port
Clip Copy Storage	USB Memory Stick	Built-in Internal DVR-RW, USB Memory Stick	
Dimension (WxHxD)	FCD-104RE: 290 mm x 50 mm x 274 mm / 11.74 inch x 1.97 inch x 10.79 inch (Compact Size) FCD-408HE / FCD-416HE: 430 mm x 88 mm x 380 mm / 16.93 inch x 3.46 inch x 14.96 inch (Rack Mountable)		
Operating Temperature	5°C~40°C / 41°F~104°F		
Operating Humidity	0% ~ 90%		
Power Adapter	12V, 5A (60W)	12V, 6A (72W)	
Power	Max. 40W in Normal	Max. 59.4W in Normal	

* Design and specifications are subject to change without notice.

DIMENSION



SYSTEM INTERCONNECTION

