EDSR400F/600F/900F/1600F

4/6/9/16 Channel Duplex Full Size DVR





DIGITAL INTEGRATION SYSTEM



FOR SECURITY SURVEILLANCE

The EDSR400F/600F/900F/1600F Full-Size Series Digital Video Recorder is the industry's first full-featured digital video recorder that can record at speeds up to 60/50 images per second with NTSC/PAL formats and replay events instantly.

The EDSR400F/600F/900F/1600F Full-Size Series incorporates all the benefits of digital video recording, is simple to install and operates just like a VCR. The highly efficient compression technology, the superior clarity of recorded images and the well respected reliability of the EDSR series make it best choice for digital security surveillance.

► Features

- 16x5 Matrix Output for five programmable call monitors (EDSR900/1600)
- · Color/Contrast/Brightness adjustment for each channel
- . Two channels real-time audio synchronized playback with TL video
- · Built-in CF card slot for video archiving
- Duplex operation for recording & playback
 Easy-to-use control panel with common VCR and Multiplexer
- Jog/Shuttle dial for picture-by-picture or fast/slow viewing
- . No tapes to manage, clean or replace
- · Instant retrieval of stored video
- · On-screen menus operations

- · Programmed with common time-lapse speeds
- . Two 3.5" IDE Type Hard Disks for storage with hot-swap tray
- RS232 and RS485 for remote control.
- Real-time live display for all cameras
- Variable recording speeds up to 60/50 fields per second for NTSC/PAI
- Alarm-activated recording
- · CompactFlash slot for archive
- Audio recording capabilities
- Motion detection capabilities
 Multi-language support
- Ethernet TCP/IP connectivity for remote viewing and controlling

Advantages

MATRIX OUTPUTS (For EDSR900 and EDSR1600)

4 Call monitors output. Free adjustable sequences for each monitor with individual dwell time for each camera. Motion cameras could be displayed on selected monitors and override the sequence. Alarm inputs are able to switch selected cameras to selected monitors (free adjustable) with timeout or manual reset. Alarm inputs are able to switch groups of selected cameras to selected monitors (free adjustable) with timeout or manual reset. Manual select of single camera to each monitor. Etc.

FAMILIAR MULTIPLEXER FRONT PANEL OPERATION

EDSR Full-Size series offers familiar multiplexer and VCR style control keys and its user-friendly step-by step menus simplifies the installation and operator training process.

EASY TO OPERATE JOG SHUTTLE

The jog shuttle can be used to forward, rewind, pause, search and menu setting.

DATA CAN BE STORED IN CompactFlash CARD OR TWO 3.5" IDE TYPE HDDs

Cards inserted in the CompactFlash card slot make it easier to back up recordings and transfer images to PC. Built in two 3.5" IDE type HDDs for plenty of storage with hot-swap tray.

TCP/IP READY

EDSR Full-Size series also allows the user to remotely monitor your business through a simple TCP/IP connection. The remote viewing software is embedded in the unit and password protected to enable remote

monitoring from anysecure network connection.

DUPLEX OPERATIONS

The new EDSR Full-Sized Series enables simultaneous recording and playback to ensure that the system is always functioning while reviewing recorded images off the hard drives.



► Wide Variety of Applications for Security Surveillance







Store and Mall



Cash Vault Operation



Bank and Office

EDSR400F/600F/900F/1600F

► Time Lapse Mode Recording Time

NTSC

Recording Speed (IPS)	PICTURE QUALITY(KB)						
	LOWER 15	LOW 18	BASIC 21	STANDARD 25	HIGH 28	SUPERIOR 32	
							60
30	98.8	82.3	70.5	59.3	52.9	46.3	
20	148.1	123.5	105.8	88.9	79.4	69.4	
15	197.1	164.6	141.1	118.5	105.8	92.6	
10	296.3	246.9	211.6	177.8	158.7	138.9	
5	592.6	493.8	423.3	355.6	317.5	277.8	
1	2963	2469.1	2116.4	1777.8	1587.3	1388.9	
0.5	5925.9	4938.3	4232.8	3555.6	3174.6	2777.8	
0.3	9816.5	8230.5	7054.7	5925.9	5291	4629.6	
0.2	14814.8	12345.7	10582	888.9	7936.5	6944.4	

(Estimations based on 160 GB HDD)

Recording Speed	PICTURE QUALITY(KB)					
(IPS)	LOWER 15	LOW 18	BASIC 21	STANDARD 25	HIGH 28	SUPERIOR 32
25	118.5	98.8	84.7	71.1	63.5	55.6
10	296.3	246.9	211.6	177.8	158.7	138.9
5	592.6	493.8	423.3	355.6	317.5	277.8
2	1481.5	1234.6	1058.2	888.9	793.7	694.4
1	2963	2469.1	2116.4	1777.8	1587.3	1388.9
0.5	5925.9	4938.3	4232.8	3555.6	3174.6	2777.8
0.4	7407.4	6172.8	5291	4444.4	3968.3	3472.2
0.2	14814.8	12345.7	10582	888.9	7936.5	6944.4
0.1	29629.6	24691.4	21164	17777.8	15873	13888.9

Reference: 24H=1 day, 168H=1 week, 720H=1 month, 8760H=1 year

(Estimations based on 160 GB HDD)

▶ Major Operating Controls

EDSR1600F Rear View



- ① Video output connectors(video out 1~16)
- ② Video input connectors(video in 1~16) 3 Call monitor output
- Main monitor connector
- S-Video connector
- 6 Audio input connectors(audio in 1~2)
- Audio output connectors(audio in 1~2) ® Alarm input/output
- RS-232 connector
- 10 RS485 connector III LAN connector
- **12** Matrix Outputs
- 13 Cooling Fan
- 13 Main power socket 13 Power switch

EDSR900F Rear View



- ① Video output connectors(video out 1~9)
- ② Video input connectors(video in 1~9)
- 3 Call monitor output
- Main monitor connector
- 3 S-Video connector
- 6 Audio input connectors(audio in 1~2) Audio output connectors(audio in 1~2) 8 Alarm input/output
- RS-232 connector 10 RS485 connector
- 1 LAN connector **12** Matrix Outputs
- 13 Cooling Fan
- 18 Main power socket 15 Power switch

Specification

Video Format	Specifications				
Video Output	video Format	NTSC/EIA or PAL/CCIR			
1 S-Video out for Main Monitor 1 BNC video out (IVp-p75shm) for CALL Monitor 4 BNC video out (IVp-p75shm) for CALL Monitor 4 BNC video out (IVp-p75shm) for Matrix Outputs (For 9/16 CH) 4/69/16 video out (IVp-p75shm) for Matrix Outputs (For 9/16 CH) 4/69/16 video out (IVp-p75shm) for Love and Playback 1/20/16 video out (IVp-p75shm) for Love and Playback 1/20/16 video out (IVp-p75shm) for Love and Playback 1/20/16 video out (IVp-p75shm) for Live and Playback 1/20/16 video out (IVp-P7	Video Input	4/6/9/16 camera inputs (BNC), 1Vp-p/75ohm			
1 BNC video out (IVp-p7/Sohm) for CALL Monitor 4 BNC video out (IVp-p7/Sohm) for CALL Monitor 4 BNC video out (IVp-p7/Sohm) for Intrix Outputs (For 9/16 CH) 4/69/16 video out (IVp-p7/Sohm) for Looping Wideo Resolution	Video Output				
4 BNC video out (IVp-p755mm) for Matrix Outputs For 9/16 CH) 4/669/16 video out (IVp-p755mm) for Looping Video Compression M-IPEG Video Resolution 7/20x484 (NTSC) or 7/20x576 (PAL) Video Display EDSR400 Full, 4, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 14, Pir 2x2 Zoom for Live and Playback Full, 4, 8, 8, 11, 10, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 8, 8, 11, 10, 10, 11, 1		1 S-Video out for Main Monitor			
4 BNC video out (IVp-p755mm) for Matrix Outputs For 9/16 CH) 4/669/16 video out (IVp-p755mm) for Looping Video Compression M-IPEG Video Resolution 7/20x484 (NTSC) or 7/20x576 (PAL) Video Display EDSR400 Full, 4, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, Pir, 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback EDSR600 Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 6, 7, 8, 9, 10, 13, 14, Pir 2x2 Zoom for Live and Playback Full, 4, 8, 8, 11, 10, 10, 13, 16, Pir 2x2 Zoom for Live and Playback Full, 4, 8, 8, 11, 10, 10, 11, 1		1 BNC video out (1Vp-p/75ohm) for CALL Monitor			
Video Compression					
Video Resolution					
Full, 4-PP, 2-22 Zoom for Live and Playback EDSR600	Video Compression	M-JPEG			
EDSR600 Full, 4, 6, 78, 9, 101, 24, 20om for Live and Playback EDSR1600 Full, 4, 6, 7, 8, 9, 101, 23, 20om for Live and Playback EDSR1600 Full, 4, 6, 7, 8, 9, 101, 23, 16, PIP 2x2 Zoom for Live and Playback PDSR1600 Full, 4, 6, 7, 8, 9, 101, 23, 16, PIP 2x2 Zoom for Live and Playback Video Pause Yes Yes 720x576 (PAL) Video Pause Yes Alarm Input 4669/16 Alarm Inputs Alarm Output 1 Alarm Outputs Hard Disk Storage Two Hot-Swap 3.5" IDE Hard Disk Recording Rate Up to 60/50 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search Up to 60/50 fields per second for NTSC/PAL Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven Setup On screen display setup User Input Device Front panel keypad with Shutter/log Watch Dog Timer Front panel keypad with Shutter/log Title Ethernet RJ45 connectors for network communications Archive Compact Flash Sind for archive RS-232 9-pin female connector for local communications RS-485 RJ1 (connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension 430(Wyx88(H)x30(D)mm Weight	Video Resolution	720x484 (NTSC) or 720x576 (PAL)			
EDSR600 Full, 4, 6, 78, 9, 101, 24, 20om for Live and Playback EDSR1600 Full, 4, 6, 7, 8, 9, 101, 23, 20om for Live and Playback EDSR1600 Full, 4, 6, 7, 8, 9, 101, 23, 16, PIP 2x2 Zoom for Live and Playback PDSR1600 Full, 4, 6, 7, 8, 9, 101, 23, 16, PIP 2x2 Zoom for Live and Playback Video Pause Yes Yes 720x576 (PAL) Video Pause Yes Alarm Input 4669/16 Alarm Inputs Alarm Output 1 Alarm Outputs Hard Disk Storage Two Hot-Swap 3.5" IDE Hard Disk Recording Rate Up to 60/50 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search Up to 60/50 fields per second for NTSC/PAL Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven Setup On screen display setup User Input Device Front panel keypad with Shutter/log Watch Dog Timer Front panel keypad with Shutter/log Title Ethernet RJ45 connectors for network communications Archive Compact Flash Sind for archive RS-232 9-pin female connector for local communications RS-485 RJ1 (connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension 430(Wyx88(H)x30(D)mm Weight	Video Display	EDSR400 Full, 4,PIP, 2x2 Zoom for Live and Playback			
EDSR1600 Full, 4, 6, 7, 8, 9, 10, 13, 16, PIP 2x2 Zoom for Live and Playback Video Pause Ves Alarm Input Alarm Output Hard Disk Storage Two Hot-Swap 3, 5" IDE Hard Disk Recording Mode Continue, Time-Japes, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Recording Mode Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search Playback Search Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Ves User Interface Menu Driven Setup User Input Device Front panel keypad with Shutter/Jog User Input Device Front panel keypad with Shutter/Jog Timer Watch Jog Timer Bull-In real time clock Watch Jog Timer Elbernet Elbernet RJ45 connectors for network communications Archive Compact-Flash Sin Gr archive RS-232 Popin female connector for restore (communications Archive Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension Weight 4.85kg					
Display Resolution 720x484 (NTSC) or 720x576 (PAL) 740x Pause 740x		EDSR900 Full, 4, 6, 7, 8, 9, PIP, 2x2 Zoom for Live and Playback			
Video Pause Alarm Input Alarm Oritput Hard Disk Storage Two Hot-Swap 3.5" IDE Hard Disk Recording Rate Up to 60/50 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search By Dair/Fime or Event Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven Setup On screen display setup User Input Device Front panel keypad with Shutter/Jog Timer Built-in real time clock Telebrack Telebrack Ethernet RJ45 connectors for network communications Archive Compact Flash Sind for archive RS-232 9-pin female connector for leak communications RS-485 RJ1 connectors for reactor conditions Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source A (20) -240V Dimension 430(W)x88(H)x30(D)mm Weight 4.85kg		EDSR1600 Full, 4, 6, 7, 8, 9, 10, 13, 16, PIP 2x2 Zoom for Live and Playback			
Video Pause Alarm Input Alarm Output Alarm Output I Alarm Output Recording Rate Up to 66/50 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 66/50 fields per second for NTSC/PAL Playback Search By Daler Time or Event Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven On screen display setup User Input Device Front panel keypad with Shutter/log Timer Bull-in real time clock Title Logar Timer Bull-in real time clock Title Ethernet RJ45 connectors for network communications Archive Compact Flash Sind for archive RS-232 9-pin female connector for lead communications RS-485 RJ1 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source A (20) -240V Dimension 430(W)x88(H)x30(D)mm Weight 4.85kg	Display Resolution	720x484 (NTSC) or 720x576 (PAL)			
Alarm Output Hard Disk Storage Two Hort-Swap 3.5' IDE Hard Disk Recording Rate Up to 60/50 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search By Darf Time or Event recording Modion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven Setup On screen display setup User Input Device Front panel keypad with Shutter/log Timer Bull-in real time clock Watch Dog Timer Elbernet Elbernet RJ45 connectors for network communications Archive Compact Flash Sind for archive RS-322 P-pin female connector for fear condenous RS-485 RJ1 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source A (C)0-240V Dimension 488g HJ1 connectors for remote control Power Source A (C)0-240V Dimension 480Wx88HHX300(D)mm Weight 4.88g	Video Pause				
Hard Disk Storage Two Hot-Swap 3.5" IDE Hard Disk Recording Rate Up to 60/50 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search By Date/Time or Event Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes User Interface Menu Driven Setup User Interface Menu Driven User Input Device Front panel keypad with Shutter/log Timer Built-in real time clock Watch Dog Timer Yes Title 12-character title generator for each camera Ethernet RJ45 connectors for network communications Archive CompactPlash Sife for archive RS-232 9-pin female connector for local communications RS-485 RJ1 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source A (10)-240V Dimension Weight 4.85kg	Alarm Input	4/6/9/16 Alarm Inputs			
Recording Rate Up to 60/95 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/95 fields per second for NTSC/PAL Playback Search By Dair/Time or Event Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven On screen display setup User Input Device Front panel keypad with Shutter/log Timer Built-in real time clock Watch log Timer Element	Alarm Output				
Recording Rate Up to 60/95 fields per second for NTSC/PAL Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/95 fields per second for NTSC/PAL Playback Search By Dair/Time or Event Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven On screen display setup User Input Device Front panel keypad with Shutter/log Timer Built-in real time clock Watch log Timer Element		Two Hot-Swap 3.5" IDE Hard Disk			
Recording Mode Continue, Time-lapse, Schedule or Event recording Playback Rate Up to 60/50 fields per second for NTSC/PAL Playback Search By Date/Time or Event Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes User Log Yes User Interface Menu Driven Setup On screen display setup User Input Device Front panel keypad with Shutter/Jog Timer Built-in real time clock Watch Dog Timer Yes Itle 12-character title generator for each camera Ethernet RJ45 connectors for network communications Archive CompactFlash Slot for archive RS-232 9-pin female connector for local communications RS-485 RJ11 connectors for remote control Andio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100-240V Dimension Weight 4.85kg	Recording Rate	Up to 60/50 fields per second for NTSC/PAL			
Playback Search Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven On screen display setup User Input Device Front panel keypad with Shutter/log Timer Built-in real time clock Watch Dog Timer Yes It 12-character title generator for each camera Ethernet Ethernet RJ45 connectors for network communications Archive CompactFlash Silot for archive RS-232 9-pin female connector for local communications RS-485 RJ11 connectors for remote control Andio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension Weight 4.85kg	Recording Mode	Continue, Time-lapse, Schedule or Event recording			
Motion Detection Yes, with configurable detection area & sensitivity Video Loss Detection Yes Event Log Yes User Interface Menu Driven Setup On screen display setup User Input Device Front panel keypad with Shutter/log Timer Bull-in real time clock Watch Dog Timer Yes Title 12-character title generator for each camera Ethernet RJ45 connectors for network communications RS-323 RS-485 RS-485 RS-410 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100-240V Dimension 430(Wyx88H)x30(D)mm Weight 4.85kg	Playback Rate	Up to 60/50 fields per second for NTSC/PAL			
Video Loss Detection Yes					
Event Log					
User Interface Menu Driven					
Setup					
User Input Device					
Timer	Setup				
Watch Dog Timer Yes Title 12-character title generator for each camera Ethernet RJ45 connectors for network communications Archive CompactFlash Slot for archive RS-232 9-pin female connector for local communications RS-485 RJ1 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension 430(W)x8R(H)x300(D)mm Weight 4.85kg					
Title 12-character title generator for each camera Ethernet RJ45 connectors for network communications Archive CompactFlash Slot for archive RS-232 9-pin female connector for local communications RS-485 RJ1 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100-240V Dimension 430(W)x8R/H)x30(D)mm Weight 4.85kg					
Ethernet RJ45 connectors for network communications Archive CompactFlash Slot for archive RS-232 9-pin female connector for local communications RS-485 RJ1 connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension 430(W)x88(H)x300(D)mm Weight 4.85g					
Archive		12-character title generator for each camera			
RS-232 9-pin female connector for local communications RS-485 RJI connectors for remote control Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension 430(W)x88(H)x300(D)mm Weight 4.85g					
RS-485 RJ1 connectors for remote control Audio 2 mone (MIC) input, 2 mone (SPEAKER) output Power Source AC 100-240V Dimension 430(W)x8R/H)x30(D)mm Weight 4.85kg					
Audio 2 mono (MIC) input, 2 mono (SPEAKER) output Power Source AC 100–240V Dimension 430(W)x88(H)x309(D)mm Weight 4.85kg					
Power Source AC 100-240V Dimension 430(W)x88(H)x300(D)mm Weight 4.85kg					
Dimension 430(W)x88(H)x300(D)mm Weight 4.85kg					
Weight 4.85kg					
Operating Temperature 0°C ~ ±40°C					
Operating remperature 0.0 140 C	Operating Temperature	0°C ~ +40°C			

^{*} Design and specifications are subject to change without prior notice

▶ Ordering Information

EDSR400-1. 4 Channel Duples Full Size DVR, AV100-240V, NTSC
EDSR400-1. 4 Channel Duples Full Size DVR, AC100-240V, PAL
EDSR400-1. 5 Channel Duples Full Size DVR, AC100-240V, NTSC
EDSR400-1. 9 Channel Duples Full Size DVR, AC100-240V, NTSC
EDSR400-1. 9 Channel Duples Full Size DVR, AC100-240V, NTSC
EDSR400-1. 10 Channel Duples Full Size DVR, AC100-240V, NTSC
EDSR400-1. 16 Channel Duples Full Size DVR, AC100-240V, NTSC
EDSR400-1. 16 Channel Duples Full Size DVR, AC100-240V, NTSC

Distributed by



® EverFocus Electronics Corp.

Head Office: 12F, No.79 Sec. 1, Shin-Tai Wu Road, Hsi-Chi, Taipei Hsien, Taiwan Tel: 886-2-2698-2334 Fax: 886-2-2698-2380 http://www.everfocus.com.tw

E-mail: marketing@everfocus.com.tw

E-mail: salesjapan@everfocus.com

USA Office:

2445 Huntington Drive, San Marino, CA 91108, U.S.A. Tel: 1-626-844-8888 Fax: 1-626-844-8838 http://www.everfocus.com
E-mail: sales @ everfocus.com

Japan Office:

1809 WBG Maribu East 18F, 2-6 Nakase, Mihama-ku, Chiba city 261-7118, Japan Tel.: 11-81-88 Fax: 81-43-297-0081 http://www.everfocus.com

Beijing Office:

Room 609, Technology Trade Building, Shangdi, Haidian, Beijing, China Tel: 86-10-62973336/37/38/39 Fax: 86-10-62971423 http://www.everfocus.com

E-mail: marketing@everlocus.com.cn

European Office:

Albert-Einstein-Strasse 1, D-46446 Emmerich, Germany Tel: 49-2822-9394-0 Fax: 49-2822-939495 http://www.everfocus.de E-mail: info@everfocus.de

^{*}Based on United States Federal Regulation: It's required to post warning sign if an audio device is used in conjunction with this machine.