



PowerPlex eDR400

4 Channel Digital Video Recorder



Features

- Triplex operation for simultaneously viewing, recording, and playback
- 4 camera inputs Color or B/W
- Auto PAL and NTSC format detection
- Built-in MPEG1 and JPEG compression/decompression
- One hot swappable hard drive
- Continuous recording, event recording, and time-lapse recording modes
- Pre-alarmed recording of up to 5 seconds
- 4 alarm inputs with configurable actions mapped to time zones
- 4 alarm outputs (2 N.C. / 2 N.O.)
- Event logging for video loss, motion detection, alarm input, alarm reset, power on/off
- Records up to 30 frames per second
- Multiple password authorization for high degree of security

- Remote surveillance and control via TCP/IP, LAN, Web browser, WAP Phone
- Remote alarm notification via E-mail
- Remote upload/download of system configurations
- Audio recording capability
- User friendly graphic design interface
- Nonvolatile program memory protects all programmable features against power loss
- System auto recovery after power failure guarantees robust security surveillance
- Stable and reliable Non-PC based operation system
- Encrypted transmission for data protection
- Assignable frame rates by camera
- Radar search functions such as thumbnail video, motion and alarm

Specifications

Video format:	NTSC/EIA or PAL/CCIR (auto-sensing)
Video Input:	4 camera inputs (BNC), 1Vp-p/75ohm
Video Output:	1 VGA monitor output, D-Sub 15 pin
Video Compression:	JPEG and MPEG-1
Video Resolution:	352x240 (NTSC) ; 352x288 (PAL)
Display Resolution:	16 millions true color, 800x600
CompactFlash Memory:	64MB
Alarm Input:	4 inputs (N.C., N.O.)
Alarm Output:	4 outputs (2 N.C., 2 N.O.)
Motion Detection:	Yes, 16 (width) x 12 (height) matrix
Video Loss Detection:	Yes
Event Log:	Yes
Hard Disk Storage:	3.5" half height, IDE type, Hot swappable
Recording Mode:	Continuous, time-lapse recording, event recording
Recording Rate:	Up to 30/25 pictures for NTSC/PAL
Playback Rate:	Up to 30/25 pictures for NTSC/PAL
Playback Search:	Date/time, camera, alarm, motion search
Setup:	On screen setup
User Interface:	Graphic user interface
User Input Device:	Mouse (Default) and Keyboard (Optional)
Title:	10-character title generator for each camera

Sequential Switch:	Programmable, with adjustable dwell time
Watch Dog Timer:	Yes
Security:	Multi-level password protection
System Protection:	Auto power on after power loss recovery
Remote access:	Internet explorer / netscape with JAVA support
Remote notification:	By e-mail
Network protocol:	HTTP, SMTP, TCP/IP, ICMP, ARP
Fast Ethernet:	RJ45 connector x 2
RS-232/485:	2 x RS232 Connectors or 1 x RS232 connector, 1 x RS485 connector (programmable)
Audio:	1 microphone input, 1 speaker output (Optional)
Archive:	2 USB ports: one for CD-RW Drive, one for color printer (HP or EPSON)
Power Source:	DC 24V±10%, DC1.5 Amp.
Power Consumption:	36W
Dimension:	256mm (L) x 178mm (W) x 88mm (H)
Weight:	2.7 Kgs / 5.94Lbs
Operating Temperature:	0°C ~ +45°C

Ordering Information:

EDR400	80GB 30fps, Triplex, with TCP/IP connection
EDR400C	160 GB 30fps, Triplex, with TCP/IP connection
EDR400D	300 GB 30fps, Triplex, with TCP/IP connection