



PowerPlex eDRI600

16 Channel Digital Video Recorder



Features

- Triplex operation for simultaneous viewing, recording, and playback
- Stable and reliable non Windows based operating system
- 16 camera inputs color or B/W cameras with loop-through
- Auto PAL and NTSC format detection or manual system setting
- Multiple monitor output formats
- Built-in MPEG1 and JPEG compression
- Multiple screen modes: Full screen, 4, 7, 9, 10, 13 and 16 multiscreen video displays
- Dual hot-swappable hard drives
- Recording time can be unlimited by expanding additional HDDs in disk arrays (PowerPlex EDA800)
- Recording rate: 60 pictures per second global processing rate
- Recording modes: continuous recording, event recording, and time-lapse recording modes
- Alarm notification via e-mail
- 24 alarm inputs with configurable actions mapped to time zones
- 8 alarm outputs (4 N.C. / 4 N.O.)
- Event logging for video loss, motion detection, alarm input, alarm reset, power on/off

Specifications

Video format:	NTSC/EIA or PAL/CCIR (auto-sensing)
Video Input:	16 camera inputs with loop through (BNC), 1Vp-p / 75ohm
Video Output:	1 x VGA monitor output, D-Sub 15 pin 1 x S-Video monitor output, 1Vp-p / 75ohm 1 x BNC composite video output, 1Vp-p / 75ohm
Video Resolution:	352x240 (NTSC) ; 352x288 (PAL)
Call Monitor:	1 x BNC composite video output, 1Vp-p / 75ohm
Video Compression:	JPEG and MPEG-1
Hard Disk Storage:	Up to 18 sets hot swappable HDD, 3.5" half height IDE
Floppy Disk Drive:	Built-in
CompactFlash Memory:	24 MB
Alarm Input:	24 inputs (N.C., N.O.)
Alarm Output:	8 outputs (4 N.C., 4 N.O.)
Motion Detection:	Yes, 16 (width) x 12 (height) matrix per camera
Video Loss Detection:	Yes
Event Log:	Yes
Recording Mode:	Continuous, Time-lapse recording, Event recording
Recording Rate:	Up to 60 pictures per second for NTSC
Playback Search:	Date/time, HDD, alarm, motion search
Setup:	On screen setup

- Intelligent motion detection with programmable area and sensitivity for each camera
- Pre-alarm and post-alarm recording
- Radar search functions such as thumbnail video, motion and alarm
- VCR like play, reverse, step forward, step backward, and pause
- Fast retrieve recorded video either by time, date, location or alarm status
- Multiple password authorization for high degree of security
- Remote surveillance and control via TCP/IP, LAN, Web browser
- Able to set daylight saving time accordingly
- Encrypted transmission for data protection
- User friendly graphics design interface
- System auto recovery after power failure resumes recording operations
- Nonvolatile program memory protects all programmable features against power loss
- Playback Search by entering "Start time" and "end time"
- Recorded image can be printed by printer
- Support CD-R/W for additional storage and backup purposed
- Authentication watermark and time stamp

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
Network protocol:	HTTP, SMTP, TCP/IP, ICMP, ARP
Network Interface card:	Fast ethernet, 10/100Mbps (RJ45 connector x 1)
Expansion Ports:	USB, Parallel, Com Ports x 2, PS 2 Mouse, PS 2 Keyboard
Power Source:	115 / 230 VAC±10%, 60 / 50 Hz, AC2.6 Amp.
Power Consumption:	150W
Dimension:	426(W) x 480(D) x 176(H)mm
Weight:	21kg.
Operation Temperature:	0°C~+45°C

Ordering Information:

EDR1602A	160GB, 60fps, Triplex, with TCP/IP connection
EDR1602D	320GB, 60fps, Triplex, with TCP/IP connection
EDR1602E	600GB, 60fps, Triplex, with TCP/IP connection
EDR1604Z	160GB, 60fps, Triplex, with TCP/IP with CDRW
EDR1604A	320GB 60fps, Triplex, with TCP/IP with CDRW
EDR1604B	600GB, 60fps, Triplex, with TCP/IP with CDRW