

EDR1640/1620/920

MPEG4 16/9 CH Digital Video Recorder



Specification

Video Format	NTSC/EIA or PAL/CCIR
Video Input	16/9 camera inputs (BNC), 1Vp-p/75ohm
Video Output	1 BNC video out (1Vp-p/75ohm) for Main Monitor 1 BNC video out (1Vp-p/75ohm) for CALL Monitor 1 S-Video out for Main Monitor 16/9 video out (1Vp-p/75ohm) for Looping
Video Compression	MPEG-4
Video Resolution	EDR1640: 480/400IPS,360x240(NTSC) or 360x288(PAL) 240/200IPS,720x240(NTSC) or 720x288 (PAL) 120/100IPS,720x480(NTSC) or 720x576 (PAL) EDR1620: 240/200IPS,360x240(NTSC) or 360x288(PAL) 120/100IPS,720x240(NTSC) or 720x288 (PAL) 60/50IPS,720x480(NTSC) or 720x576 (PAL) EDR920: 240/200IPS,360x240(NTSC) or 360x288(PAL) 120/100IPS,720x240(NTSC) or 720x288 (PAL) 60/50IPS,720x480(NTSC) or 720x576 (PAL)
Video Display	Full, PIP, 4, 9, 16 and 2x2 Zoom for Live and Full,4,7,9,10,13,16,2x2 Zoom for playback
Display Resolution	720x480 (NTSC) or 720x576 (PAL)
Video Pause	Yes
Alarm Input	16/9 Alarm Inputs
Alarm Output	4 Alarm Outputs
Hard Disk Storage	Two Hot-Swap 3.5" IDE Hard Disk for Internal and SCSI controller for External
Video Recording Resolution	Full D1 size: 720x480(NTSC) or 720x576(PAL) Half D1 size: 720x240(NTSC) or 720x288(PAL) CIF size:360x240(NTSC) or 360x288(PAL)

Recording Mode	Continue, Time-lapse, Schedule or Event recording
Playback Search	By Date/Time or Event (Motion,Video Loss,Alarm)
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	Keyboard,Mouse, and Keypad
Timer	Built-in real time clock and Auto time synchronization with global NTP server through internet
Watch Dog Timer	Yes
Title	12-character title generator for each camera
Ethernet	RJ45 connectors for network communications
Archive	USB2.0 Interface device for archive
RS-232	9-pin female connector for local communications
RS-485	RJ11 connector for remote control
Audio	4 mono (MIC) input, 1 mono (SPEAKER) output
Power Source	AC 100-240V
Power Consumption	185W
Dimension	Full Size of 19" 2U
Weight	6.24kg
Operating Temperature	0°C ~ +40°C

EDR1640**EDR920****EDR1620****Features**

- Built-in MPEG4 compression/decompression with configurable video quality
- TCP/IP ready: remote monitoring from any secure network connection
- Data can be archived to USB 2.0 Driver
- Programmable motion detection area (30x24) for each channel
- SCSI interface for External expanded storage
- Recording time can be unlimited by expanding additional HDDs in disk arrays (EDA800s)
- Event log for video loss, motion detection, alarm input, alarm reset, power on/off
- Radar search functions such as thumbnail video, motion and alarm
- Up to 6 independent disk arrays (EDA800s) cascade with one DVR, total of 50 Hard disks (25TB, 8pcs IDAs x 6 + 2pcs internal storage for two 3.5" hard disks)cascade ability system, recording time up to 485 days (use entry level image)
- System scalability with Multi-function keyboard controller
- Video Recording Resolution: Full D1/Half D1/CIF
- Real-time live display for all cameras
- User Friendly On-Screen Menus operations with Multi-Language support
- Shuttle/Jog dial for picture-by-picture or fast/slow viewing
- No tapes to manage, clean or replace
- Instant retrieval of stored video
- On-screen setup menu and system timer
- Ethernet TCP/IP connectivity for remote viewing and controlling
- Programmed with various time-lapse speeds
- Two 3.5" Hard Disk with Hot-Swap tray for internal storage
- RS232 and RS485 for Remote Control
- Alarm and motion activated recording
- 4 channel real time audio recording capabilities
- 1 RJ45 connector for Internet/Intranet connection
- With Matrix Output: up to 6 monitors output for one DVR
- Recording rate for EDR1640: 480/400IPS,360x240(NTSC) or 288(PAL) 240/200IPS,720x240(NTSC) or 720x288(PAL) 120/100,720x480(NTSC) or720x576(PAL)
- Recording rate for EDR1620: 240/200IPS,360x240(NTSC) or 288(PAL) 120/100IPS,720x240(NTSC) or 720x288(PAL) 60/50,720x480(NTSC) or720x576(PAL)
- Recording rate for EDR920: 240/200IPS,360x240(NTSC) or 288(PAL) 120/100IPS,720x240(NTSC) or 720x288(PAL) 60/50,720x480(NTSC) or720x576(PAL)

Ordering Information

- **EDR1640/160:** 16CH Real-time MPEG4 Digital Video Recorder, NTSC, with 160GB HDD x1pcs (Recording speed up to 480IPS)
- **EDR1640/320:** 16CH Real-time MPEG4 Digital Video Recorder, NTSC, with 320GB HDD x1pcs (Recording speed up to 480IPS)
- **EDR1640/500:** 16CH Real-time MPEG4 Digital Video Recorder, NTSC, with 500GB HDD x1pcs (Recording speed up to 480IPS)
- **EDR1620/160:** 16CH Real-time MPEG4 Digital Video Recorder, NTSC, with 160GB HDD x1pcs (Recording speed up to 240IPS)
- **EDR1620/320:** 16CH Real-time MPEG4 Digital Video Recorder, NTSC, with 320GB HDD x1pcs (Recording speed up to 240IPS)
- **EDR1620/500:** 16CH Real-time MPEG4 Digital Video Recorder, NTSC, with 500GB HDD x1pcs (Recording speed up to 240IPS)
- **EDR920/160:** 9CH Real-time MPEG4 Digital Video Recorder, NTSC, with 160GB HDD x1pcs (Recording speed up to 240IPS)
- **EDR920/320:** 9CH Real-time MPEG4 Digital Video Recorder, NTSC, with 320GB HDD x1pcs (Recording speed up to 230IPS)
- **EDR920/500:** 9CH Real-time MPEG4 Digital Video Recorder, NTSC, with 500GB HDD x1pcs (Recording speed up to 240IPS)