



DR4N Series

FOUR-CHANNEL NETWORKABLE DVR



Shown with optional CD writer

The DR4N Series is an economical 4 channel DVR providing full-featured performance with user-friendly operation. The unit will accept up to 1.2TB of internal storage [3xHDD] for more than 60 day recording at 704x480 resolution. MPEG-4 compression saves high-quality images with smaller file sizes and allows more efficient transmission over Ethernet. A USB-2 port and optional CDRW drive assure quick and easy archiving.

FEATURES

- 4 Channel video and audio recording
- 120 images per second recording speed
- Up to 704 x 480 (4 CIF/D1) resolution
- Optimized MPEG-4 compression
- 10/100 Base Network Connection allows remote viewing, playback, and PTZ control
- USB-2 Port for quick downloading to a thumb drive
- Internal CD-R drive for data backup (optional)
- PTZ control (drivers for most popular models included)



Handheld Remote and Thumb Drive (Included)



DIGITAL RECORDERS



NEW YORK: 55 MALL DRIVE • COMMACK, NY 11725
 TEL: 1 (800) 422-6707 • (631) 864-9700 • FAX: (631) 543-5426
 CALIFORNIA: 20521 EARL STREET • TORRANCE, CA 90503
 TEL: 1 (800) 888-0131 • (310) 793-1500 • FAX: (310) 793-1506
 www.cbcamerica.com

MODELS

- DR4N*** DVR with no hard drive
- DR4N-160*** DVR with 160 GB Hard Drive Installed
- DR4N-250*** DVR with 250 GB Hard Drive Installed
- DR4N-500*** DVR with 500 GB Hard Drive Installed
- DR4-RM1** Optional 19" Rack Mount Kit

*Add suffix "C" for CD writer option [e.g.: DR4NC-160]

DR4N SERIES FOUR CHANNEL DIGITAL RECORDER



SPECIFICATIONS

VIDEO INPUT	4Ch NTSC/PAL
DISPLAY SPEED	120 (PAL:100) ips
SCREEN MODES	1/4 Channel Mode
RECORDING SPEED	352x240 120/100 ips 704x240 60/50 ips 704x480 30/25 ips
MONITOR OUTPUT	Analog (BNC)/S-Video/VGA Supports 1 Spot Out (BNC) /4 Loop-through
RECORDING RESOLUTION	NTSC: 352x240, 704x240, 704x480 PAL: 352x288, 704x288, 704x576
COMPRESSION METHOD	MPEG-4 (Optimized)
BYTE SIZE PER IMAGE	3~5 Kbyte @ 352x240 (PAL:352x288) 5~10 Kbyte@704x240 (PAL: 704x288) 6~16 Kbyte@704x480 (PAL:704x576)
RECORDING MODES	Continuous, Motion Detection, and Sensor Activated
AUDIO INPUT/OUTPUT	4 Input/1 Output
SENSOR/ALARM	4 Input/ 1 Output
P/T/Z CONTROL & PORT	RS-485
LAN CONNECTION	10/100 Base-TX Ethernet
REMOTE OPERATION	Live Viewing, Playback, Archiving, and PTZ Control
REMOTE CONTROL	Remote Pan/Tilt/Zoom/Focus/Iris

SYSTEM RECOVERY AFTER POWER FAILURE	Auto-Rebooting, Auto-Scan and Recovery of Data
OPERATING TEMPERATURE	5~40°C/41°~104°F
POWER	DC12V, 4.5A (Adaptor Supplied)
DIMENSION	360(W) x 66(H) x 360(D) mm 14.2" x 2.6" x 14.2"
WEIGHT	5 Kg/11.0 lbs.



Indoor and outdoor 4-channel systems available.

Recording Times at Selected Speed/Quality Settings With Standard 160GB Hard Drive*

RESOLUTION	SPEED	HIGHEST	HIGH	STANDARD	LOW
4CIF/D1	7ips	1.5 days	2 days	3 days	5 days
	1ips	8 days	11 days	13 days	15 days
2CIF	15ips	3 days	4 days	6 days	10 days
	7ips	6 days	8 days	13 days	22 days
704x240	1ips	46 days	58 days	92 days	154 days
	30ips	3.5 days	5 days	8 days	13 days
CIF	15ips	7 days	10 days	15 days	25 days
	7ips	14 days	21 days	33 days	55 days
352x240	1ips	110 days	145 days	232 days	385 days

* With 250GB HDD, recording times will increase approximately 1.5 times.