



CBC (EUROPE) Ltd.
CCTV Electronics & Optical Division

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CDR-16T

DATA SHEET

16 channel digital recorder with
built in multiplexer



- CDR-16T 16 channel triplex digital recorder
- Motion detection
- Alarm recording
- DVD (option)
- Up to 2.5T bytes of storage
- Easy to use on screen menus
- Reliable continuous recording or event recording
- High reliability SCSI disks
- Keyboard lock facility (all or just control keys)
- Jog/shuttle playback control
- RS232C interface
- 1 channel audio recording
- Alarm event log
- Auto record on power on
- MJPEG compression
- Selectable recording quality

The CDR-16T combines the features and usability of a multiplexer with many of the benefits of a digital recording.

These include all the features you would normally associate with a multiplexer, such as motion detection, alarm handling, programmable split screens and many others. This is combined with the fast and simple retrieval of recorded material using the search facilities and storage of continuous recording and alarms in different locations (DVD).

The CDR-16T is a triplex recording device. This allows the system to record and playback at the same time from and to any of the disks whilst simultaneously displaying the live and playback information on the monitor.

The programming of the unit is driven by the extensive but intuitive on screen menu set up system, providing quick installation and easy operation.

The CDR-16T has the facility to be able to connect one hard disk drive internally with further disks being connected externally via the standard SCSI interface. This provides a total storage capacity of over 2,500 Giga bytes (2.5 Tera bytes). Additionally there is the ability to add a DVD* drive to the system which allows the storage of alarm events as they happen, or provides the operator with a media for storing events for long-term storage.



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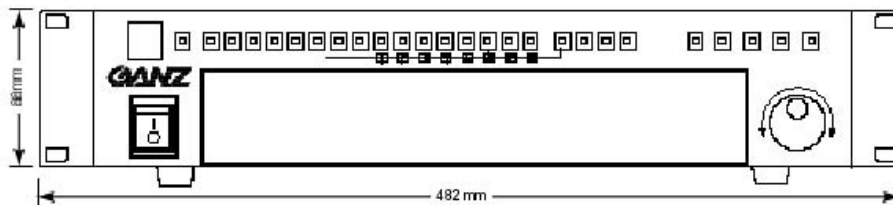
16 channel digital recorder with
built in multiplexer

TECHNICAL SPECIFICATION

CDR-16T	
TV system	PAL system
Compression system	Motion J-PEG
Compression ratios	Super 1:7.4; High 1:10.5; Normal 1:14.8; Low 1:20.4
Video input	1 x composite 1.0Vp-p, 75 Ω BNC
Video output	1 x composite 1.0Vp-p, 75 Ω BNC
	1 x Y/C, Y 1.0Vp-p, C 0.3Vp-p, S connector
Audio input	-10dB 10KΩ line input
Audio output	-10 db 10KΩ Stereo output
Screen options	Full, 4, 6, 8, 9, 10, 13, 16
Record modes	Continuous, alarm, 1 shot
Record speed	50 field per second to 1 field per 20 seconds
HDD type	SCSI wide (4 bit address)
HDD specifications	36.73 Gigabyte 10,00rpm, 181 Gbyte 7200rpm*
Information displays	
Camera title	16 alphanumeric characters per camera input
Time	Date-month-year, hour-minute-second
Remaining on disk	Time (counter) or percentage
Address	SCSI ID
Record mode	Time-lapse or interval
Record speed	50 field per second to 1 field per 20 seconds
Record quality	Record quality indication
Search modes	
Index search	Searches by event, video loss, video recover, alarm, motion, record start
Time date search	Search by known time and date
Voltage requirement	100-240Vac ±10% 50/60Hz
Power consumption	Approx 84VA (73W) with 36Gbyte disk
Operating conditions	10-40°C, 30-80% relative humidity non-condensing
Dimensions	424 x 88 x 375 (W x H x D)
Weight	7.8Kg approx

Features and specifications are subject to change for further improvements without any notice.

* Please contact CBC Technical Support Department for further information.



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