



CDR-04S Digital Recorder

DATA SHEET

4 Channel Digital Video Recorder



- Wavelet Compression Format
- 2 Audio inputs / 1 Audio output
- On Screen Display and Real time clock function
- 1 channel to 4 channels video inputs
- Picture-In-Picture (PIP) available
- Motion detection function
- Alarm Input & Output Function
- Video loss detected on each channel can record 160 events
- Power-loss memory function
- Support 1 Removable HDD, IDE Type
- Quick Multiple Search by date/time, alarm, full list
- Security password protection
- RS-232, RS-485 communication protocol

The CDR-04S is a cost effective unit which has similarities of high quality entry level single channel DVRs, but offers additional features including 4 Multiplexed channels which can be viewed simultaneously in Quad display.

The CDR-04S still carries all the features that would be expected of a high quality VCR, such as timer recording. Added to this, there is the facility to search recordings by time or date or an event such as alarm, video loss or power loss.

The Wavelet compression format replaces both the Time-Lapse VCR and the standard Multiplexer thus bringing these features into one single unit, the CDR 04S.

Range of DVR models

CDR-04S 4 Channel DVR, 160 GB

The CDR-04S offers live quad display, multiplexer functions and recordings from 4 different cameras





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TECHNICAL SPECIFICATION

Video format	NTSC/EIA or PAL/CCIR
HDD storage	IDE type, UDMA 66, supported 200 GB HDD
Record mode	Manual / Alarm / Timer / Motion
Camera Input Signal	Composite video signal 1 Vp-p 75 BNC, 4 channels
Camera Loop Back	Composite video signal 1 Vp-p 75 BNC, 4 channels
Main Monitor Output	Composite video signal 1 Vp-p 75 BNC
Call Monitor Output	Composite video signal 1 Vp-p 75 BNC
Audio input	4 audio inputs, (RCA) *
Audio output	2 audio outputs, (RCA) **
Motion Detect Area	15 * 12 targets per camera (NTSC) / 15 * 14 targets per camera (PAL)
Motion Detect Sensitivity	256 Levels
Video Loss Detection	Yes
Refresh Rate	Up to 120 images/sec. for NTSC / 100 images/sec. for PAL
Recording Rate	Up to 25 images/sec. for NTSC / 18 images/sec. for PAL
Dwell Time	Programmable (1~10 Sec)
Picture in Picture	Yes (Movable)
Key Lock	Yes
Picture Zoom	2*2 (Movable)
Camera Title	6 letters
Video Adjustable	Colour/ Contrast/ Brightness Adjustable
Alarm Input	TTL input, Hi (5V), Low (GND)
Alarm Output	COM,/N.O
Remote Control	RS-232 or RS-485
Time Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, OFF
Power Source	AC100~240V + 10% switching adaptor
Power Consumption	<32W
Operation Temperature	10 ~ 40°C
RS-232C / RS-485 (bps)	115200 / B57600 / B19200 / B9600 / B4800 / B3600 / B2400 / B1200
Dimension (mm)	430(W) x 300(H) x 65(D)
Net Weight	5.4 kgs

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

* 4 audio inputs, but only can select 1 during operation for recording

** With 2 mono audio outputs from the same source.

