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VDR

A Digital Video Recorder at a VCR price

Overview

Replacing your analog recording technology with a digital system has never been easier. The VDR combines digital recording capabilities with convenient VCR functionality to deliver a system that operates like a VCR but is more reliable and faster. The VDR is compatible with most applications that use a VCR for image collection. It can record or play multiplexed video.

Outstanding Features

Gone are the lengthy image searches and the routine tape and machine maintenance issues that are part of a VCR system. In its place, the VDR offers an easy-to-use control panel for scanning through images rapidly or frame-by-frame. One button searches and simple on-screen menus quickly retrieve recordings by date, time, camera, or alarm. A CompactFlash card reader/writer is integrated into the VDR's front panel, so evidence can be saved and transferred to law enforcement for review. QuickWave viewing software is transferred with evidence on each CompactFlash card, eliminating the need for special software by the end user. Recordings are saved to a 40, 80, or 160 GB hard drive.

Superb Image Resolution

The VDR has superb image resolution: 720 x 484 in NTSC format and 720 x 576 in PAL. Live images are recorded at speeds comparable to VCR rates (up to 60 images a second). This is twice as fast as most digital recorders. The VDR's recording speed makes it the ideal replacement for a VCR in a system that uses time-lapse settings.



VDR

Standard Features

- VCR functionality with digital recording capabilities
- Easy-to-use control panel with common VCR functions
- Instant retrieval of stored video
- CompactFlash for evidence transfer
- Records and plays back multiplexed video
- Variable recording speeds up to 60 pictures per second
- Programmed with common time-lapse speeds
- Alarm-activated recording
- Works in quad, multiplexer, switcher, matrix, or single-camera applications

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Specifications

Video

- Colors: YUV 4:2:2, 16.8 million colors
- Grayscale: 256 levels
- Horizontal Resolution: 720 pixels
- Vertical Resolution: 484 lines NTSC/EIA; 576 lines PAL/CCIR

I/O Port - DP9 Connector

- Alarm input and output, Record Start in, Alarm Record reset, VEXT Pulse out, Error out, Ground, Video Loss out, Disk End (5 min) out

Storage Capacity / Record Time

- Hard drive: 40, 80, or 160 GB
- Record speeds: 60, 20, 10, 5, 1, 0.5, 0.2 pps; event

Evidence Storage

- Storage Media: CompactFlash Type 1
- File system: FAT 16
- Media size: Up to 512 MB

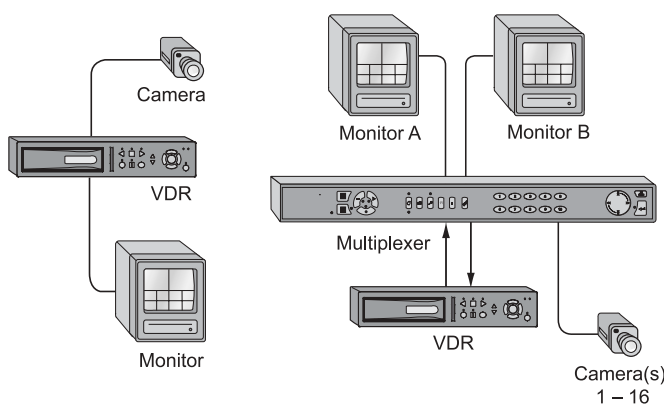
Inputs / Outputs

- One each composite input and output, BNC connectors NTSC/EIA or PAL/CCIR compatible

Miscellaneous

- Input voltage: 12 VDC, 90 – 264 VAC/VDC adapter included
- Power: 20 W nominal
- Temperature: 0 – 40 °C (32 – 104 °F), operating
- Relative humidity: 90%, noncondensing
- Dimensions: 11.375 x 13.000 x 2.500 in. (290 x 330 x 64mm) 1U rack height
- Weight: 9 lb (4.1 kg)

System Diagram



VDR with camera and monitor

VDR with multiplexer

Ordering Information

VDR-	VDR-HDD-
Hard Drive	Accessories & Spares
0 No Hard Drive	0 Caddy empty (customer furnished HDD)
40 40 GB	40 Spare 40 GB HDD with caddy
80 80 GB	80 Spare 80 GB HDD with caddy
160 160 GB	160 Spare 160 GB HDD with caddy



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