GE Security

DVMRe Pro
Advanced DVMRe Capabilities, Evidence Capture, and Turbo Record Mode

Overview

DVMRe Pro takes the DVMRe line one step further by adding an internal CD or DVD writer with one-button recording to the top of the line DVMRe Triplex® product. In addition, DVMRe Pro includes a Turbo Recording mode for capturing images at 120 pictures per second (pps).

DVMRe Pro Features

DVMRe Pro combines the features and functionality of the most advanced DVMRe units with an internal CD or DVD writer and a turbo recording mode of 120 pps. For advanced evidence transfer, use the Record CD button located on the front of the unit. The DVMRe Pro will automatically generate an evidence capture CD for sharing with management, security, or law enforcement. The CD can be used as evidence and because of the proprietary watermark, the images are tamperproof. QuickWave viewing software is included on each CD, so no additional software is needed to play back the CD.

In Turbo Recording mode, the DVMRe Pro devotes all system resources to capturing 120 pps.

DVMRe Family Features

Triplex capability allows the user to simultaneously record at up to 60 pps and view live or play back images on separate monitors, or combined on a single monitor. No longer will you miss viewing or recording important events because you are reviewing stored images. And, in the event of power failure, DVMRe Pro retains its setup information in non-volatile memory. When power is restored, recording resumes. The DVMRe Pro even retains the camera to camera assignments in the multiscreens. Images are recorded to the internal hard drives, providing months of record duration.

The unit offers advanced search capabilities including searching on alarm. Using a ProBridge interface, the DVMRe Pro is capable of capturing and searching text generated by electronic cash registers, ATMs or other text generating serial devices.

Standard Features

- **Advanced, full-featured DVMRe software**

- **120 pps Turbo Recording Mode**

- **Triplex capability displays multiscreen live and playback during recording**

- **Advanced searching by alarm, time, date, camera number, and text from ATM machines or cash registers**

- **Ethernet connection for remote operation and viewing**

- **DHCP dynamic network IP addressing**

- **Programmable record rates, image quality, and modes by individual camera**

- **Search video clips using motion search to find motion in user-defined area**

- **Time and date sync from Network Time protocol server**

- **Jog/shuttle control for variable speed forward and reverse play, and frame-by-frame display**

- **WaveReader software included with every unit**

The DVMRe Pro is Ethernet ready. Up to 20 users can connect at the same time, with one user viewing playback of recorded images, and 19 others viewing live images. Using included WaveReader software, users can select and post images over the network; store, print and e-mail images; and save video clips for distribution and evaluation. Wavelet video compression creates compact video files with high image resolution and quality. WaveReader also has multisite capability, allowing the users to connect to multiple DVMRe units at the same time, and view streaming audio and video in live and playback modes.

Use WaveReader software to watch live or recorded video, control PTZ cameras, and even focus cameras from a networked PC, or connect to the DVMRe Pro using a modem, over standard phone lines. WaveReader is completely free—there are no license fees for the software.

Specifications

Inputs
- Camera: 4, 10, or 16 looping BNC connectors, NTSC/EIA or PAL/CCIR compatible; auto-terminating
- Conditioning: AGC, 0.5 to 2.0 V pk-pk video accepted
- Termination: Automatic, 75 ohm or Hi-Z if looped
- RS232 Port 1: DB9 male connector. For POTS, remote control and front panel emulation
- RS232 Port 2: RJ45 connector for ASCII text insertion and event generation

Video Outputs
- Monitor A composite: One monitor A multiscreen output, BNC connector, NTSC/EIA or PAL/CCIR compatible
- Monitor B composite: One monitor B multiscreen output, BNC connector, NTSC/EIA or PAL/CCIR compatible

Archive
- Archive device type: Internal CD-RW and DVD+RW drive

Network
- Type: 10/100 Ethernet (auto-sensing); one RJ45 connector

Video
- Colors: YUV 4:2:2, 16.8 million
- Grayscale: 256 levels
- Horizonal resolution: 720 pixels
- Vertical resolution: 484 active lines NTSC/EIA; 576 active lines PAL/CCIR

Recording
- Hard drive: 2-HDD. Contact GE Security for current hard drive sizes.
- Record speed: Selectable; 120 pps to 0.125 pps; event, time lapse, or both
- Compression: Wavelet format

Alarm Handling
- Alarm inputs: 4, 10, or 16 programmable NO or NC in menus
- Alarm outputs: Two form-C relays, each NO and NC; rated 0.5 A continuous, 1.0 A momentary
- Alarm latching: Three settings: Latched, Transparent, Timed-Out; programmable 1 to 100 sec
- Alarm recording: Programmable priority control: interleaved, exclusive, or none
- Alarm displays: Automatic alarm multiscreens; programmable

Video Motion and Activity Detection
- Zones per camera: 256, 16 x 16 grid
- Sensitivity settings: 10 levels
- Gray levels per zone: 256 levels
- False alarm rejection processing: 3 levels
- Size discrimination: 256 levels
- Status output: Link to relay

Miscellaneous
- Input voltage: 12 VDC, 100 to 240 VAC
- AC/DC adapter included
- Power: 75 W nominal
- Operating temperature: 32° to 104° F (0° to 40° C)
- Relative humidity: 90 percent, noncondensing
- Dimensions: 13 in W x 3.5 in H x 13.5 in D (330 mm x 89 mm x 343 mm)

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