

# GE Security

GE's popular DVMRe takes another step forward with the addition of WaveJet™ technology. The **DVMRe-CTII** adds the ability to save as much as double the video images as the original DVMRe-CT, at medium resolution. Now you can achieve extremely high video compression per megabyte.

WaveJet lets you get more value from your digital video multiplexer/recorder because you get more hours of recording time. For example, a DVMRe-10CT with an 600GB hard drive allows 7 full days of recording time at medium resolution. But with WaveJet, a DVMRe-CTII with the same drive size and recorded resolution will store up to 17 days of images. Depending on how the recording options are set, you can get more than a month of continuous recording time.

In addition, the DVMRe-CTII offers nine selectable quality settings so you have more control over the images you view and record.

Triplex functionality lets you watch live or recorded video while continuing to record high-quality images. And by utilizing Parallel Video Processing (PVP™), the CTII can record up to 60 pictures per second.

The DVMRe-CTII is also Ethernet ready. Up to 20 users can connect at the same time, with one user viewing playback of recorded images and 19 users able to

view live images. WaveReader software (included free with every unit) allows you to select and post images or clips to the network; store, print, and e-mail images; and store video clips.

The DVMRe also supports dynamic IP addresses, making it easier to connect in a dynamic or static network environment. The unit retrieves date and time from the Network Time Protocol Server via UDP so you never have to manually set the time.

Use the included Firewire (IEEE 1394) port to transfer images to GE Security's DVSe archive device.

Reduce fraud and inventory shrinkage when you connect the DVMRe with electronic cash registers or ATMs using ProBridge interface modules. ProBridge units capture and reference transaction data associated with recorded video so you can search by transaction or receipt text to retrieve relevant video clips.

Front-panel controls are user-friendly and intuitive for simple operation, or use the DVMRe's easy on-screen menus for programming and operation.

## Features

- WaveJet™ compression technology allows you to save double the amount of video (compared to the DVMRe-CT, recorded at medium resolution)
- Nine selectable quality settings per camera
- Triplex functionality—simultaneous recording, playback, and live multi-screen viewing
- Advanced search (including retail and motion search) and alarm features
- Ethernet capability
- Use included WaveReader software to post images over the network; store, print, and e-mail images; and save video clips for distribution and evaluation
- Video motion detection
- Displays include full screen, sequenced, picture-in-picture, and multi-screen
- IEEE 1394 Firewire interface for fast and easy archiving

## DVMRe-CTII

digital video multiplexer/recorder  
with WaveJet™ technology





# Specifications

Americas  
 503-885-5700  
 888-GE-SECURITY  
 (437-3287)  
 faxback 800-483-2495  
 info@gesecurity.com  
 www.gesecurity.com

Asia  
 tel 852-2907-8108  
 fax 852-2142-5063

Australia  
 tel 61-3-9259-4700  
 fax 61-3-9259-4799

Europe  
 tel 32-2-725-11-20  
 fax 32-2-721-86-13

Latin America  
 tel 305-593-4301  
 fax 305-267-4300

## Video

- Display memory: 2048 x 1024 memory array per monitor; 32MB total display memory
- Colors: Y:U:V 4:2:2; 16.8 million
- Grayscale: 256 levels
- Horizontal resolution: 720 pixels
- Vertical resolution: 484 active lines NTSC; 576 PAL

## Alarm handling

- Inputs: 4, 10, or 16 programmable NO or NC in menus
- Outputs: Two Form C relays, each NO and NC; rated 0.5 A continuous, 1.0 A momentary
- Latching: 3 settings—latched, transparent, timed out; programmable 1 to 100 sec.
- Recording: Programmable priority control; interleaved, exclusive, or none
- Displays: Automatic alarm multi-screens

## Features

- Record speed: Selectable; 60 pps (50 pps PAL) to 0.125 pps; event, time lapse, or both
- Compression: WaveJet
- Audio: 1 channel (optional)

## Video motion/Activity detection

- Zones per camera: 256, 16x16 grid
- Sensitivity settings: 10 levels
- Gray levels per zone: 256 levels
- False alarm rejection processing: 3 levels
- Size discrimination: 256 levels
- Activity record speed: Programmable per camera
- Status output: Link to relay

## Inputs/Outputs

- Camera inputs: 4, 10, or 16 looping BNC; NTSC or PAL
- Conditioning: AGC, 0.5 to 2.0 V p-p video accepted
- Termination: Automatic, 75 ohm or Hi-Z if looped
- RS-232 Port 1: DB-9 male connector
- RS-232 Port 2: RJ-45 connector for ASCII text insertion and event generation
- Monitor outputs: 2 Y/C, S-VHS, 4-pin mini-DIN; 2 composite, BNC, NTSC or PAL
- Archive: SCSI-2 50-pin port; Firewire/IEEE 1394
- Network: 10/100 Ethernet (auto-sensing), RJ-45

## Electrical

- Input voltage: 12 VDC, 90 to 264 VAC (AC/DC adapter included)
- Current: 35 W nominal

## Environmental

- Operating temperature: 32 to 104°F (0 to 40°C)
- Humidity: 90% noncondensing

## Physical

- Dimensions (HxWxD): 1.75 x 17.42 x 13.5 in. (45 x 442 x 343 mm)
- Weight: 9 lb. (4 kg)

## Regulatory

- FCC, CE

## Ordering information

- DVMRE-4CTII-X DVMRe with WaveJet technology, 4 channels and choice of 80GB, 160GB, 320GB, 600GB, or 1.2TB hard drives
- DVMRE-10CTII-X DVMRe with WaveJet technology, 10 channels and choice of 80GB, 160GB, 320GB, 600GB, or 1.2TB hard drives
- DVMRE-16CTII-X DVMRe with WaveJet technology, 16 channels and choice of 80GB, 160GB, 320GB, 600GB, or 1.2TB hard drives

DVMRe-CT recording, 10 cameras – duration in days						
Quality	File size	PPS	80GB	160GB	320GB	600GB
Standard	12500	4.8	1.3	2.8	5.9	11.3
Medium	20000	4.8	1.0	1.7	3.6	7.0
High	27500	4.8	0.7	1.2	2.6	5.0

  

DVMRe-CTII recording, 10 cameras – duration in days						
Quality	File size	PPS	80GB	160GB	320GB	600GB
Standard	4000	4.8	4.6	9.4	19.0	35.9
Medium	8500	4.8	2.3	4.5	9.1	17.0
High	18500	4.8	1.0	2.1	4.2	7.8

DVMRe-CTII file sizes		
Quality setting	PAL file size	NTSC file size
Standard 1	5.2k	4.4k
Standard 2	7.6k	6.4k
Standard 3	10.0k	8.5k
Medium 4	12.4k	10.4k
Medium 5	15.0k	12.5k
Medium 6	17.0k	14.5k
High 7	19.6k	16.5k
High 8	22.1k	18.5k
High 9	24.5k	20.5k

