

GV-EM412DD-80

4 CHANNEL DVR WITH REMOVABLE HDD AND COMPACT FLASH SLOT



SUMMARY

The GV-EM412DD-80 is a cost effective digital video recorder that supports a removable hard disk drive and is equipped with a compact flash memory slot. LAN connectivity is standard in the GV-EM412 series and it also features smooth motion and clear playback. The units come bundled with DVR reader software that allows you to view DVR video on a PC. By taking out the removable hard drive and placing it in a PC that is equipped with a removable hard-drive bay* (removable hard-drive bay* is not included with the GV-EM412DD-80), the DVR reader software will playback video directly from the removable HD. The DVR reader software can also save images as AVI, KPEG, or BMP files. The "Heart-beat" rebooting feature makes the unit rock solid reliable in the event of recovering after a system-halt.

FEATURES

- 4 Channel
- 720 x 480 live viewing
- Previsions to allow mobile operation using our GV-EM-412CASE
- Basic POS and ATM text capturing support
- One Channel Audio
- Jog/Shuttle playback
- Recording: 120 ips at 360 x 240
- Independent frame recording programmable per channel
- Remote surveillance via TCP/IP, LAN, Web browser
- 900 frames of pre-alarm per channel
- OSD with password protection
- DDNS and DHCP support

- Simplex operation
- Viewing software included
- Multi Language, English, Spanish and Portuguese

SPECIFICATIONS

Video Signal

Video Signal System: NTSC/PAL
 Video Inputs: 4 Channels
 Video Input Signal: NTSC/PAL composite, 75 Ohm, 1.0vpp
 Video Out: 1 Video Monitor, 1 S-Video
 Video Output Signal: NTSC/PAL composite SVHS

Audio signal:

One channel audio In/out
 Sampling Rate: 8Khz
 Quality: 16Kbps
 Format: PCM

Display Features

Display Speed: 120 (NTSC) / 100 (PAL) FPS
 Sequencing (Dwell): YES (Interval Time 1~10 sec)
 Display Size: 720X480 (NTSC) 720X576(PAL)

Compression

Image difference storing method
 Algorithm: MJPEG + Pseudo MPEG
 Image Recording: 30(NTSC) / 25(PAL)
 FPS(max) @ 360x240 (NTSC) 360X288 (PAL), per channel
 Remote Monitoring: YES

Recording & Play back: Simplex Operation

Multiplex type display and recording
 Replay Resolution: 720X480(NTSC) 720X576(PAL)
 Replay Resolution Ratio: 4ch mode= 1:1
 1ch mode= 4:1(interpolation)
 Replay Format: Quad screen or 1 Channel
 Recording Mode: 4ch 360X240 format only
 (Record Quality 4 Levels. IDSM 3 Levels, Post Alarm
 Pre Alarm, Schedule Recording Available)
 Search Mode: Event Search, Day & Time Search
 Image Size: 1~30kbyte
 (Very High: 30k, High: 20k, Mid: 15K, Low: 10K)
 The calculated image size is without IDSM function.
 With IDSM setting, the image size can be dramatically reduced.

Play Speed: (X1/32 ~ X8192)

Motion Detect

Support: YES
 Sensitivity adjustable: YES

Storage

Storage Structure: GVI Original Format
 Back-up: Compact Flash ,
 Removable HDD Reading Program

Connectors

Video Inputs: 4 BNC
 Audio Input: 1 BNC
 Video Output: 1 BNC, 1 S-Video
 Audio output: 1 BNC
 Alarm In/Out: RS-232
 Ethernet: RJ45

GV-EM412DD-80 | TECHNICAL SPECIFICATIONS

Alarm

- Alarm Inputs: 4 inputs
- Alarm Output: 1 output
- Multiple Alarm Display: YES
- Alarm Duration: Available
- Video Loss Detection: YES
- Disk Full Alarm: Yes

Network

- Network Interface: TCP/IP
- Supports DHCP
- Supports DDNS

Mechanical

- Dimensions (Inch): 160mm(W) X 248mm(D) X 89mm(H)
- Weight: 2.8 KG (Excluding HDD)

Environmental

- Operating Temperature: 5° ~ 40°C (41° ~ 104°F)
- Humidity: 20% ~ 80%

ORDERING

- GV-EM412DD-80: Removable hard-drive, 80GB, and compact Flash slot
 - GV-EM412CASE: Anti-vibration case For GV-EM412 Series DVRs
- See also:
- GV-EM412M80: Mobile DVR with Anti-vibration case and Port for External Viewer, 120 fps, 4 Ch, 80G HD.
 - GV-EM412MPV: Portable external viewer/controller for GV-EM412M DVR

* removable hard drive bay available at most electronic stores

GV-EM412 SERIES

GV-EM412DD-80



- 80 GB hard drive included and installed in GVI.
- Compact flash slot
- This unit can be mounted as desktop or mobile.
- It is equipped with Jog/shuttle.
- Has no port for GV-EM412MPV, see below.
- Compatible with GV-EM412CASE

GV-EM412M-80



- 80 GB hard drive included and installed in GVI.
- Removable Hard drive tray
- Compact Flash slot

- This is unit can be mounted as desktop or mobile.
- No jog/shuttle
- Front Port for GV-EM412MPV, see below.
- Includes a GV-EM412CASE

GV-EM412CASE



- This is a metal case with anti-vibration mount
- Compatible with all GV-EM412 DVRs, including GV-EM412DD and GV-EM412M
- Hardware for pole mount
- Security lock and key included

GV-EM412MPV



- Portable external viewer/controller
- Compatible only with GV-EM412M
- RS-232 Port
- Jog/Shuttle
- 5.5" LCD screen
- 9 ft Cable included

GV-EM412MKT-80



- All inclusive Mobile kit
- 80 GB hard drive included and installed in GVI.
- One GV-EM412M with GV-EM412CASE
- One GV-EM412MPV