GV-EM130DD-80
1 CHANNEL DVR

SUMMARY

The GV-EM130DD-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-EM130 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-EM130DD-80), the DVR reader software will playback video directly from the removable HD. The DVR reader software can also save images as AVI, MPEG, or BMP files. The "Heart-beat" rebooting feature makes the unit rock solid reliable in the event of recovering after a system-halt.

FEATURES

. • 1 Channel
. • 720 x 480 live viewing
. • Multiplexer Compatible
. • Basic POS and ATM text capturing support
. • One Channel Audio
. • Jog/Shuttle playback
. • Recording: 30 ips at 720 x 480 or 360 x 240
. • Remote surveillance and 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

SPECIFICATIONS

Video Signal
    Video Signal System: NTSC/PAL
    Video Inputs: 1 Channel
    Video Input Signal: NTSC/PAL composite, 75Ohm, 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: 30 (NTSC) / 25 (PAL) FPS
    Display Size: 720X480 (NTSC) 720X576(PAL)
Compression
    Image difference storing method
    Algorithm: MJPEG + Pseudo MPEG
    Image Recording: 30(NTSC) / 25(PAL)
    FPS(max) @ 360x240 or 720x480 (NTSC) 360X288 or 720x576(PAL)
    Remote Monitoring: YES
Recording & Play back: Simplex Operation
    Multiplex type display and recording
    Replay Resolution: 720X480(NTSC) 720X576(PAL)
    Replay Format: 1 Channel
    Recording Mode: 4ch 360X240 or 720X480 format (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

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This product specifications and manual are also available in pdf format at www.gviss.com
v.09.07.05

gvi

GV-EM130DD-80 | TECHNICAL SPECIFICATIONS

Video Output: 1 BNC, 1 S-Video
Audio output: 1 BNC
Alarm In/Out: Terminal Block
Ethernet: RJ45
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: 160mm(W) X 248mm(D) X 89mm(H)
Weight: 2.8 KG (Excluding HDD)
Environmental
Operating Temperature: 5º ~ 40ºC
Humidity: 20% ~ 80%

ORDERING
.• GV-EM130DD-80: Removable hard-drive, 80GB, and compact Flash slot
.• 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 Ex-ternal 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

.• 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

.• 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