

## **G4-HDE Enterprise Class Digital Video Recorder** 4, 8, 16 CAMERA INPUTS, 4-CHANNEL AUDIO\*, PENTAPLEX, HDMI

### **Product Features**

- Hi-Def 720p HDMI Output
- H.264 WITH Multi-Channel Simultaneous Playback
- E-Map Function Support
- Pentaplex
- Real Time Recording/Playback
- USB Drive Support
- Central Monitoring System
- Up to 1 Terabyte Internal Storage
- Substream Capable
- Mobile View (Supports Windows Mobile)
- Synced Audio Recording/Playback
- Intuitive GUI



The **G4 HD-E** is a business class digital video recorder offering enterprise class features, which puts it into a class of its own. The **G4 HD-E** utilizes H.264 hardware compression, which is the same as our popular JS series DVRs. The unit has HDMI, VGA and composite monitor outputs, which can all be used simultaneously.

**HDMI and VGA** outputs can support resolutions as high as 1280 x 1024, 1280 x 720 and 1024 x 768 for live viewing. The G4 HD-E can record real-time video at CIF resolution on every channel and up to four audio recorded channels. The 4 and 8-Channel and can record 1 channel at full D1 resolution while the 16 channel can record 2 channels at full D1. This can be utilized for a high priority camera such as a cash register or main entrance.

The **G4 HD-E** offers network sub-streaming, enabling you to configure just the network functionality to your assigned upload speed without degrading the record quality. This feature was previously available only in our top end enterprise class units. The compact form factor allows installations in virtually any environment.

Included with every unit is a new and improved version of Client Software, which will also be compatible with our complete line of JS series DVRs. You are not limited to using the Client Software however, because this unit can also be accessed using the embedded Internet Explorer feature. Considering all these features; **HDMI**, network sub streaming, multiple hi definition main monitor outputs at a price that can't be beat, you won't find another DVR that compares.

# TECHNICAL SPECIFICATIONS

## MODELS

G4HDE-4	Base 4ch unit w/o HDD
G4-HDE-8	Base 8ch unit w/o HDD
G4-HDE-16	Base 16ch unit w/o HDD

## GENERAL

Video Inputs	4,8,16 inputs, BNC1.0Vp-p, 75 $\Omega$ unbalanced
Video Outputs	1 Channel TV output, BNC 1 VGA HDMI 720p
Audio Inputs	4/8/2 channel, BNC, 200-2800mV, 30K $\Omega$
Audio Outputs	1 Channel, BNC, 200-3000mv 5 K $\Omega$
Audio Compression	G.711
Video Compression	H.264
Preview Resolution	NTSC: 704 x 480 (4CIF)
Compression	NTSC: 352 x 240(CIF)
Resolution	NTSC: 176 x 120(QCIF)
Color	16.7 Million
Stream Type	Video or Video/Audio Synced
Bit Rate	32kbps ~ 2Mbps (user-defined), variable
Recording Frame Rate	4ch: 120 frames/sec 8ch: 240 frames/sec 16ch: 480 frames/sec
Record Quality	Highest, Higher, High, Average, Low, Lower, Lowest
Record Mode	Schedule, Motion, Alarm, Motion or Alarm, Motion & Alarm, Command Trigger
Playback Mode	4 Channel Playback Simultaneously, Pause, Stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Overwrite Mode	Support
Motion Detect	Zones: 396 (22*18 detection zones) Sensitivity: 1~6 (6 being Highest) Trigger recording, PTZ movement, Tour Alarm
Privacy Masking	Yes
View Tampering	Yes
Network Function	Internet Explorer and Client Software
Alarm	4,8,16 Alarm Inputs / 2-4 Relay Output
Back-up	USB / Network
RS485	PTZ
HDD Interface	1 SATA port, 1 HDD supported
VGA Interface	1, Support 800x600/60Hz, 800x600/75Hz, 1024x768/60Hz

## MECHANICAL

Video Inputs	BNC female
Video Output	BNC female
Monitor Output	BNC female
Audio Inputs	RCA female
Audio Output	RCA female
Alarm Inputs	Terminal Block
Alarm Outputs	Terminal Block
RS485	Terminal Block
Network	RJ-45 10M/100M UTP
VGA	9-pin D-sub female
RS-232	9-pin D-sub male
USB	USB 2.0
IR Remote Controller	Standard

## ELECTRICAL

Power Requirements	100~240VAC, 6.3A, 50~60 HZ
Power Consumption	20W ~42W (without HDD)

## ENVIRONMENTAL

Operating Temperature	14° to 131°F (-10° to 55°C)
Operating Humidity	10-90% RH Max.

## PHYSICAL

Dimensions	14.25 in. 440(w) x 70(H) x 390(D)mm
Weight	13 lb (5.9 kg) approx. (without HDD)
Shipping Weight	19 lbs (8.6 kg) approx.

## OPTIONAL ACCESSORIES

N/A