

TECHNICAL DATA SHEET

# GDVRH Series

4, 8 & 16 Channel Quadraplex Digital Video Recorders with DVD-RW



Front



Rear

## KEY FEATURES

- H.264 Video Compression
- Embedded Linux Operating System
- Real Time Recording (CIF)
- Simultaneous Recording / Playback / Backup
- Network Access with Internet Explorer and Client
- Free Multi-Site Client Software with E-MAP
- Integrated Multi-Format DVD Re-Writer
- Watermarking
- Search via Date, Time, Camera, Alarm & Motion
- Remote Control & Mouse (Supplied)
- Password Protection  
(5 Individual Users/Passwords)
- User Friendly GUI Operation
- Various Hard Drive Sizes Available  
(Western Digital SATA)
- Compatible With Windows XP, Vista, Windows 7
- Supports up to 3Tb HDDs (Internal)
- Up to 400 FPS Recording @ CIF
- PTZ Control from a Mobile Phone  
eg. Windows Mobile, Blackberry, iPhone
- TouchCMS iPhone App Available
- DC 12V

## ORDERING INFORMATION

- GDVRH-604 4 Channel H.264 Quadraplex DVR
- GDVRH-608 8 Channel H.264 Quadraplex DVR
- GDVRH-616 16 Channel H.264 Quadraplex DVR

\*Add e.g. /500, /1000, /1500, etc to the part code above depending on what hard drive size you require

## MULTI-SITE CLIENT SOFTWARE



TOUCHCMS IPHONE APP

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### TECHNICAL SPECIFICATION

Model Number	GDVRH-604	GDVRH-608	GDVRH-616
Video Input / Loop Out	4 In, 4 Out	8 In, 8 Out	16 In, 16 Out
Video Output	Main	1 Composite, 1 VGA	
	Spot	2	4 (Programmable)
DVR Type	Quadraplex		
Compression	H.264		
Multiplex Operation	Record, Live Display, Playback, Network & Back-Up		
Live Display Resolution	720 x 576 (PAL)		
Alarm In/Out (Relay)	4 in 4 Out	8 in 4 Out	16 in 4 Out
Audio Record	4 in 1 Out	8 in 1 Out	16 in 1 Out
Operating System	Embedded Linux		
System Control	Key Buttons, IR Remote, Mouse, Client, IE		
Live Display Speed / Split Mode	4, 8, 16 Channels Real Time / 1, 4, 6, 7, 8, 9, 10, 13, 16		
Camera Title	12 Characters Per Channel		
Recording Speed	100fps (260x288)	200fps (260x288)	400fps (260x288)
Recording Mode	Continuous, Time Limit, Alarm, Motion, Schedule		
Recording Quality	5 Levels (Low, Middle, High, Super, Ultra)		
Motion Detection	8 x 8 Grids Selectable / 20 Sensitivity Levels		
Search Mode	Date & Time, Event, Log Search, SMART Search		
Playback of Back-Up File	Mini Player (Auto Copy), EMS, AVI		
Users & Passwords	Maximum of 5 Users, Individual Passwords / Authority Levels		
Watchdog	Power Failure Recovery, Auto Reboot Maintaining Previous Record Settings		
Watermark	Yes		
Network	10/100Mb Ethernet Base-T via RJ45 Connector Supports DHCP, DDNS, PPOE, TCP/IP, E-mail notification		
Back Up	DVD-RW, USB Memory Stick, External HDD		
Internal HDD	Upto 4 Internal HDDs (Western Digital SATA)		
Interface	RS422, Ethernet (10/100Base-T), USB 1.1		
Remote Client Software	Multi-Site Client Software (CMS) with E-Map & Web Browser		
IR Remote Control	Control Up To 99 DVRs		
Hard Drive Sizes	Western Digital 500Gb and 1Tb Options		
PTZ Control	RS485, Various Protocols (inc Pelco D, Pelco P)		
System Recovery	Auto-Reboot		
Power Supply / Power Consumption	DC 12V, (100V~240V Selectable) / 50W		
Operating Conditions	Operating Temperature: 0° ~ 40°C, Humidity: 20 ~ 80%		
Dimensions (W x H x D)	360 x 100 x 370 mm		
Weight	3.5 Kg		
Certification	FCC Class A, CE (EMC/LVD), RoHS Compliant		

Features and specifications are subject to change for further improvement without any notice