

## TECHNICAL DATA SHEET

# GDVRH-616

## 16 Channel Quadraplex DVR



## 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 (SATA)
- Compatible With Windows XP
- Supports up to 3Tb HDDs (Internal)
- 400 FPS Recording @ CIF
- Mobile Phone Viewing from the DVR eg. Windows Mobile, Blackberry, iPhone

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## TECHNICAL SPECIFICATION

Model Number	GDVRH-616
Video Input / Loop Out	16 In, 16 Out
Video Output Main	1 Composite, 1 VGA
Video Output Spot	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)	16 in 4 Out
Audio Record	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	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 DVD-RW, USB Memory Stick, External HDD
Internal HDD	Upto 4 Internal HDDs (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	500Gb, 750Gb, 1Tb, 1.5Tb, 2Tb, 2.5Tb, 3Tb Options
PTZ Control	RS485, Various Protocols (inc Pelco D, Pelco P)
System Recovery	Auto-Reboot
Mobile Phone Viewing	Windows Mobile, Blackberry, iPhone
Power	100V~240V
Operating Conditions	Temperature: 0°C ~ 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 specification are subject to change for further improvement without any notice.