



# GOLDEN STATE INSTRUMENT CO.

**GS-4CH264 / GS-8CH264 / GS-16CH264**  
**4/8/16 Channel H.264 Hardware Compression**  
**Pentaplex Network Standalone DVR**



GSI's H.264 DVR's are the most Advanced H.264 Standalone DVRs developed for all industrial applications. In addition to its sleek and smooth professional design, it is very reliable and cost effective. Real Time Live Viewing. Most of all its Full D1 and Crystal Clear picture quality using very small recording sizes offer greater advantages than many other Mpeg4 or Mjpeg DVRs. Featurewise other DVR's cannot compare.



## Features:

- H.264 Hardware Compression 2.0 – Record at higher image quality while using less hard drive space than comparable Mpeg4 or Mjpeg DVR's. Allowing you to record longer while using less hard drive space. New GSI compression algorithm provides up to 33% better compression than standard H.264 compression, and up to 2.5x better compression than Mpeg4.
- 480 FPS Recording Rate (16 Ch), 240 FPS (8 Ch), 120 FPS (4 Ch)
- Network Viewing – View remotely from anywhere in the world. Remote monitoring allows you to playback, record, backup and change settings over the network or internet.
- DVD-RW – Built in DVD Writer backs up desired video files.
- 3G Phone Support – View over cellular 3G networks with compatible Windows Mobile, Symbian OS mobile phones, Apple iPhones, iPads, Google Android, and Blackberry Bold Series.
- CMS Software – Central Management Software lets you monitor multiple DVR's at different sites all at the same central location.
- Free DDNS – For use with Dynamic IP's.
- 32 Bit True Color GUI (Graphical User Interface)
- Pentaplex Operation – Simultaneously view live, playback, record, backup and network transfer.
- Email Notification of Alarm Events.
- Remote Control Included.
- 4 Channel Audio Input (4 Ch & 8 Ch), 16 Channel Audio Input (16 Ch)
- USB Mouse Support with 2 USB Ports
- Individual Channel Resolution Recording
- Watermark & Scrambling Examination to verify recorded files
- Snapshot Capability
- Real Time Live Display
- PTZ Control Support
- Programmable Call monitor switching configuration.
- Built in Hard Drive – 500GB and 1TB and 2TB configurations

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## Specifications:

Model	GS-4CH264	GS-8CH264	GS-16CH264
Video Inputs	4 x Channels 1.0Vp-p 75ohms BNC	8 x Channels 1.0Vp-p 75ohms BNC	16 x Channels 1.0Vp-p 75ohms BNC
Video Outputs	1 x VGA, 1 x BNC (Main or Spot Monitor)		
Video Compression	H.264 Hardware 2.0 (Internet Transmission H.264)		
Display Speed	120FPS (NTSC)	240FPS (NTSC)	480FPS (NTSC)
Display Resolution	1280 x 1024 (NTSC)		
Video Split Screen	1, 4, Auto Seq	1, 4, 9, Auto Seq	1, 4, 9, 13, 16, Auto Seq
Alarm Inputs / Output	4 x Sensor Inputs / 1 x Alarm Relay	8 x Sensor Inputs / 1 x Alarm Relay	16 x Sensor Inputs / 2 x Alarm Relays
Audio Inputs / Output	4 x Audio Inputs / 2 x Audio Output	4 x Audio Inputs / 2 x Audio Output	16 x Audio Inputs / 2 x Audio Output
Storage Size	500GB SATA	500GB SATA	1 TB SATA
External Storage	Optional Sizes Available Optional Network Network, eSATA		
Recording Resolution	Full-D1: 720x480(NTSC) , 720x576(PAL) Half-D1: 720x240(NTSC) , 720x288(PAL) CIF: 360x240(NTSC) , 360x288(PAL)		
Recording Rate (FPS)	CIF 120 FPS Half D1 120 FPS Full D1 120 FPS	CIF 240 FPS Half D1 240 FPS Full D1 120 FPS	CIF 480 FPS Half D1 240 FPS Full D1 120 FPS
Recording Quality	Highest, High, Normal, Basic, Below Basic		
Recording Modes	Normal, Manual, Schedule, Event, Sensor, Motion Detection, Holiday		
Playback Speeds	Normal, REW & FF (2X, 4X, 8X, 16X, 32X, 64X), Pause, Frame to Frame		
Backup Devices	USB 2.0, SATA, DVD Writer, Remote Network Backup		
User Interface	32 Bit Color GUI (Graphical User Interface)		
DVR Control	Remote Control, USB Mouse(optional), Control Panel, USB Touch Panel, Keypad		
3G Phone Support	Apple iPhones, Blackberry Bold Series	Windows Mobile 5.0/6.0, Symbian OS (Nokia, Ericsson)	Google Android, Apple iPad
Notification	E-Mail		
Backup File	H.264 Compression/ AVI Format/ Free AP		
Privilege Control	Yes		
CMS	Central Management Software Included		
Multi-Remote Client	Yes (4 Role-Based Multiple Network User Access To Exclusive Channel View and Operation)		
Connections	Ethernet, RS-232/RS-485		
PTZ Controls	Yes RS-485		
Firmware Update	USB Host, Network		
Power Supply	12VDC 5A / 60W	12VDC 5A / 60W	12VDC 6A / 72W
Operating Temp	0°C-40°C		
Dimensions	16.93"(W) x 11.54" (D) x 2.17" (H) mm		
Weight	4.08lbs (without Hard Drive)		

### Pre-Installed Hard Drive Sizes:

GS-4CH264 ~ 500GB SATA  
 GS-8CH264 ~ 500GB SATA  
 GS-16CH264 ~ 1 TB SATA

### This Package Includes:

1 x DVR  
 1 x SATA Hard Drive (Pre-Installed)  
 1 x Spec Sheet  
 1x CD (User Manuals, CMS Software)  
 1 x Remote Control

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