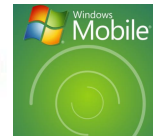# GOLDEN STATE INSTRUMENT CO.

GS-32CH264
32 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.
- 960 FPS Recording Rate CIF and Half D1, 480 FPS Full D1
- 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.
- HDMI and VGA Outputs
- 16 Channel Audio Inputs
- 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
- Built in Hard Drive –2TB and 4TB configurations

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Specifications:

Model	GS-32CH264
Video Inputs	32 x Channels 1.0Vp-p 75ohms BNC
Video Outputs	1 x HDMI, 1 x VGA
Video Compression	H.264 Hardware 2.0 (Internet Transmission H.264)
Display Speed	960FPS (NTSC)
Display Resolution	1440x900, 1366x768, 1280x1024, 1024x768, 720x480
Video Split Screen	1, 4, 9, 16, 32 Auto Seq
Alarm Inputs / Output	16 x Sensor Inputs / 4 x Alarm Relay
Audio Inputs / Output	16 x Audio Inputs / 2 x Audio Output
Storage Size	2TB and 4TB SATA
	Optional Sizes Available
External Storage	Optional Network
Recording Resolution	Full-D1: 720x480(NTSC) , 720x576(PAL)
	Half-D1: 720x240(NTSC) , 720x288(PAL)
	CIF: 360x240(NTSC) , 360x288(PAL)
Recording Rate (FPS)	CIF 960 FPS
	Half D1 960 FPS
	Full D1 480 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	iPhone, iPad, Android Phones/Tablets, Windows Mobile 5.0/6.0, Symbian OS (Nokia, Ericsson)
Notification	E-Mail
Backup File	H.264 Compression/ AVI Format/ Free AP
Privilege Control	Yes
Remote Viewing	Windows XP, Vista, 7 and Mac OSX 10.6 or higher
CMS	Central Management Software Included
Multi-Remote Client	One Admin and 8 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	110 VAC Input 220W
Operating Temp	0°C~40°C
Dimensions	17.4"(W) x 17.24" (D) x 3.62" (H) mm
Weight	11.02lbs (without Hard Drive)

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