GOLDEN STATE INSTRUMENT CO.
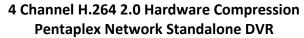
GS-4CH264-XL
4 Channel H.264 2.0 Hardware Compression
Pentaplex Network Standalone DVR

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 orMjpeg DVRs. Featurewise other DVR's cannot compare.

Features:

- GSI's H.264 2.0 Hardware Compression – 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 20% better compression than standard H.264 compression.
- Real Time D1 (720x480) Recording
- 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.
- Sleek and Aesthetically Pleasing Compact Design
- 3G Phone Support – View over cellular 3G networks with compatible Windows Mobile Symbian OS mobile phones, Apple iPhones, Google Android, and BlackBerry Bold Series.
- Tablet Support – iPad and all Android Tablets
- CMS Software – Central Management Software lets you monitor multiple DVR's at different sites all at the same central location.
- IVS (Intelligent Video Surveillance) for people counting and Electric Fence feature.
- Free DDNS – For use with Dynamic IP's.
- Pentaplex Operation – Simultaneously view live, playback, record, backup and network transfer.
- Easy To Use 32 Bit True Color GUI (Graphical User Interface)
- Email Notification of Alarm Events.
- Remote Control Included.
- 1 Channel Audio Input and Output
- USB Mouse Support
- Real Time Live Display
- Upgrade Firmware by USB or Network
- Individual Channel Resolution Recording
- Watermark & Scrambling Examination to verify recorded files
- Built in Hard Drive – 500GB
- Full Apple Mac Support OS X 10.6 or Higher
- PTZ Controls – RS-485 Pelco P, Pelco D, Samsung, and LiLin supported

Specifications:

Model	GS-4CH264-XL
Operating System	Embedded Linux
Video Inputs	4 x Channels 1.0Vp-p 75ohms BNC
Video Outputs	1 x VGA, 1 x BNC (Main Monitor or Spot Monitor Selectable)
Video Compression	GSI H.264 2.0 Hardware (Internet Transmission H.264)
Display Speed	120FPS (NTSC) / 100FPS (PAL)
Display Resolution	720 x 480 (NTSC) / 720 x 576 (PAL)
Video Split Screen	1, 4, PIP(Picture in Picture), Auto Sequence
Alarm Inputs / Output	None
Audio Inputs / Output	1 x Audio Inputs / 1 x Audio Output
Storage Size	500GB SATA
External Storage	None
Recording Resolution	Full-D1: 720x480(NTSC) , 720x576(PAL) Half-D1: 720x240(NTSC) , 720x288(PAL) CIF: 360x240(NTSC) , 360x288(PAL)
Recording Rate (FPS)	NTSC 120 FPS on D1, HD1, and CIF
Recording Quality	Highest, High, Normal, Low, Lowest
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 Thumb Drive, Remote Network Backup, USB DVD-RW
User Interface	32 Bit True Color GUI (Graphical User Interface)
DVR Control	Remote Control, USB Mouse(optional)
3G Phone Support	Apple iPhones, BlackBerry, Windows Mobile 5.0/6.0, Symbian OS (Nokia, Ericsson), Google Android
Notification	E-Mail
Backup File	H.264 Compression/ AVI Format/ Free AP
Privilege Control	Yes
CMS	Central Management Software Included with IVS Function
Multi-Remote Client	Yes (4 Role-Based Multiple Network User Access To Exclusive Channel View and Operation)
Connections	Ethernet, USB
PTZ Controls	RS-485 (Pelco P, Pelco D, Samsung, LG, and LiLin)
Firmware Update	USB Host, Network
Power Supply	12VDC 3A
Operating Temp	-5°C~40°C
Dimensions	225 (W) x 215 (D) x 46 (H) mm
Weight	0.77 Kg (Not including Hard Drive)

Pre-Installed Hard Drive Sizes:
500 GB 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