

G4-X Series JPEG2000 Digital Video Recorder

4,8,16 CAMERA INPUTS, TRIPLEX, 480FPS

Product Features

- 4,8,16 Video Inputs
- Triplex
- Up to 480 Frames per Second
- Remote Access
- CD Backup
- Jog Shuttle
- RS485 PTZ Support
- Multiple Quality Settings
- VGA Support
- Video Loop Out
- Intuitive On-Screen Menu Programming
- Digital Motion Detection



The **G4-X Series** digital video recorder is an entry level recorder utilizing JPEG 2000 compression.

The **G4-X Series** can record video from as many as 16 cameras. The triplex feature allows simultaneous record, playback, and networking functions, ensuring constant surveillance. Built-in digital motion detection eliminates the need for external motion hardware and sensitivity levels, along with masking areas are fully customizable. Jog shuttle operation provides an ease of use on video review, including a frame-by-frame comparison.

Utilizing JPEG2000 compression, the **G4-X Series** allows for all cameras to be reviewed simultaneously in playback operation, unlike many MPEG4 compression methods. JPEG2000 has a 30% better compression ratio compared to Motion JPEG (MJPEG) models.

The built-in CD burner allows video and images to be saved to a CD-R disc for backup.

Remote viewing and backup on the **G4-X Series** is available via the client software included with the unit. Video can easily be converted to the standard .AVI format for backup and review in standard media players.

An 80 GB hard drive generally allows continuous recording for up to 7 days under the most common recording conditions. However, recording time will vary depending on quality and recording rate. When all available hard disk space is consumed, the **G4-X Series** automatically begins recording over the oldest video.

Adjustable compression settings allow users to increase record times or increase image quality with 5 quality settings.

The **G4-X Series** provides for longer recording times without sacrificing quality using the JPEG2000 compression algorithm.

TECHNICAL SPECIFICATIONS

MODELS

G4-4XCD	Standard 4ch unit with CD-RW
G4-8XCD	Standard 8ch unit with CD-RW
G4-16XCD	Standard 16ch unit with CD-RW

GENERAL

Video Inputs	4,8,16 inputs, 1.0Vp-p, 75ohm unbalanced
Video Outputs	4, 8, 16 video loopouts 2 Main Monitor 1 VGA
Horizontal Resolution	720 x 480 (NTSC)
S/N Ratio	>40dB
Color	16.7 Million
Display	1, 4, 9, 16
Zoom	Live and Playback Available, 2x Zoom
Sequence	Available Full: 720 x 240 (NTSC)
Recording Resolution	Dual: 360x240 Quad: 360 x 120
Recording Rate	Full: 60 / 120 / 120 FPS (4ch / 8ch / 16ch) Dual: 120 / 240 / 240 FPS (4ch / 8ch / 16ch) Quad: 240 / 480 / 480 FPS (4ch / 8ch / 16ch)
Record Quality	Super Fine, Fine, Enhanced, Normal, Basic
Compression Type	JPEG 2000
Record Mode	Normal, Schedule, Motion Detect, Alarm
Playback Mode	Date/Time Search, Event Search, Jog Shuttle
Operation Mode	Triplex
Motion Detect	Area Division: 16 x 12, on/off selectable
Network Function	Remote Client Software
Alarm	4 Alarm Inputs / 1 Relay Output
Back-up	CD-RW / Network / VCR
RS485	PTZ
Storage	Internal 2 HDD (up to 400GB)
Firmware Upgrade	USB

MECHANICAL

Camera Inputs	BNC female
Camera Outputs	BNC female
Monitor Output	BNC female
Alarm Inputs	Push Terminals
Alarm Outputs	Push Terminals
RS485	Push Terminals
VGA	9-pin D-sub female
RS-232	9-pin D-sub female
USB	USB 2.0 Type A port
IR Remote Controller	Standard
Shuttle Control Input	1

ENVIRONMENTAL

Operating Temperature	41° to 104°F (5° to 40°C)
Operating Humidity	90% RH Max.

PHYSICAL

Dimensions	436(w) x 88(H) x 396(D)mm
Weight	11.4 lb (5.2 kg) approx. (without HDD)
Shipping Weight	17.9 lbs (8.1 kg) approx.

OPTIONAL ACCESSORIES

N/A