Overview

With a robust, appliance-like interface and quick out-of-the-box setup, the **Digia™ II** series of MPEG-4 digital video recorders is an integrated surveillance solution that enables users to view, record, and play back recorded video simultaneously.

GE Security's Digia II, a cost-effective, compact 4-, 9-, or 16-channel digital video recorder, brings the benefits of digital security monitoring to small commercial applications.

A user-friendly interface and more than one month of hard disk recording make the Digia II easy to use, install, and maintain in a small-business environment.

Digia II provides a fit-and-forget solution, with a simple search function for reviewing video. External alarm inputs and motion detection trigger an alarm when movement in a user-definable area of the image is detected. The feature set includes complete search by alarm, motion, and time and date.

Simultaneously view, record, and play back video images with the Digia II. Easily archive video evidence to an external device connected through the USB 2.0 port—and because USB 2.0 is hot-swappable, an external device can be connected at any time.

Transferring video information is quick and easy, as Digia II creates an AVI file that can be viewed by any PC with Windows® Media Player—no need to install special software on your PC. MPEG-4 compression technology also allows you to save high-quality images into smaller file sizes for easier storage and streaming over an Ethernet network.

Digia Browser's Web interface enables remote configuration and secure viewing, searching and playing back of video from most computers via the Internet. Digia II's dynamic DNS support allows use of an easy-to-remember name instead of a changing IP address.

Various storage configurations are available from 160 GB to 640 GB.

Standard Features

- Entry-level MPEG-4 digital solution
- View, record, and play back images simultaneously
- Remote software allows live viewing or playback of video over LAN, WAN, or Internet
- Secure remote configuration via Web browser
- USB 2.0 port allows use of flash drive for quick and easy archiving
- Full duplex audio
- Motion detection
- Watermarking
- User and Admin log-in
- Daylight Saving Time
- AVI file export
- Simple recording schedule
- Real-time live display on all channels
- E-mail notification upon alarm
- Network bandwidth saving option
- Locking power connector
- Alarm I/O terminal block
- Multiple-language support
- Designed for shelf or rack mount

Digia II
cost-effective MPEG-4 digital video recorder

Application

The Digia™ II is an excellent choice for most small businesses and even residential environments. Business owners looking to start digital video surveillance and upgrade from analog VCRs and tapes will find Digia II to be an ideal DVR for their needs.

Small Commercial Business

- Eliminate tape retrieval by using the DVR as a video management system
- Provide instant access to recorded video for investigation

Grocery/Convenience Stores

- Access all locations remotely for system status live monitoring or programming recorded events
- Lock away the server box and maintain system visibility and control from PC
- Monitor facility activities and set timed events for work schedules
- Eliminate maintenance associated with analog recorders

Residences

- Help protect property and valuables

Video Recording Speed and Resolutions

NTSC format	Per channel (average)			Per unit (max.)		
	D1	2CIF	CIF	D1	2CIF	CIF
Digia204	7.5 fps	15 fps	30 fps	30 fps	60 fps	120 fps
Digia209	3 fps	7.5 fps	15 fps	30 fps	60 fps	120 fps
Digia216	1 fps	3 fps	7.5 fps	30 fps	60 fps	120 fps

Digia Browser Remote Software

Specifications

Video & Audio

- Video signal input: 1 V p-p nominal; 4, 9, or 16 video inputs, Composite BNC, NTSC/PAL compatible
- Video signal output: 1 V p-p at 75 ohm
- Video compression standard: MPEG-4
- Watermarking: Yes
- Recording resolutions: D1, 2CIF, CIF
- Real-time live on all video channels
- Bi-directional audio: 1 channel

Features

- Network protocols: DHCP, Static
- DDNS support
- Bandwidth throttle
- Daylight Saving Time
- Export/archive to USB devices (ThumbDrive™, USB flash drive, or CD-RW)

Connectors

- Monitor: VGA and Composite BNC
- Alarm I/O: Terminal block
- Video input: Composite BNC
- Audio I/O: RCA
- 10/100 Ethernet: RJ-45
- USB 2.0 ports: 1 on front, 1 on back
- Power: Locking connector

Physical

- Dimensions (HxWxD): 3.18 x 14.65 x 13.31 in. (81 x 362x 338 mm)
- Weight: 10 lb. (4.53 kg) with one hard drive
- Mounting: Rack mount available separately

Electrical

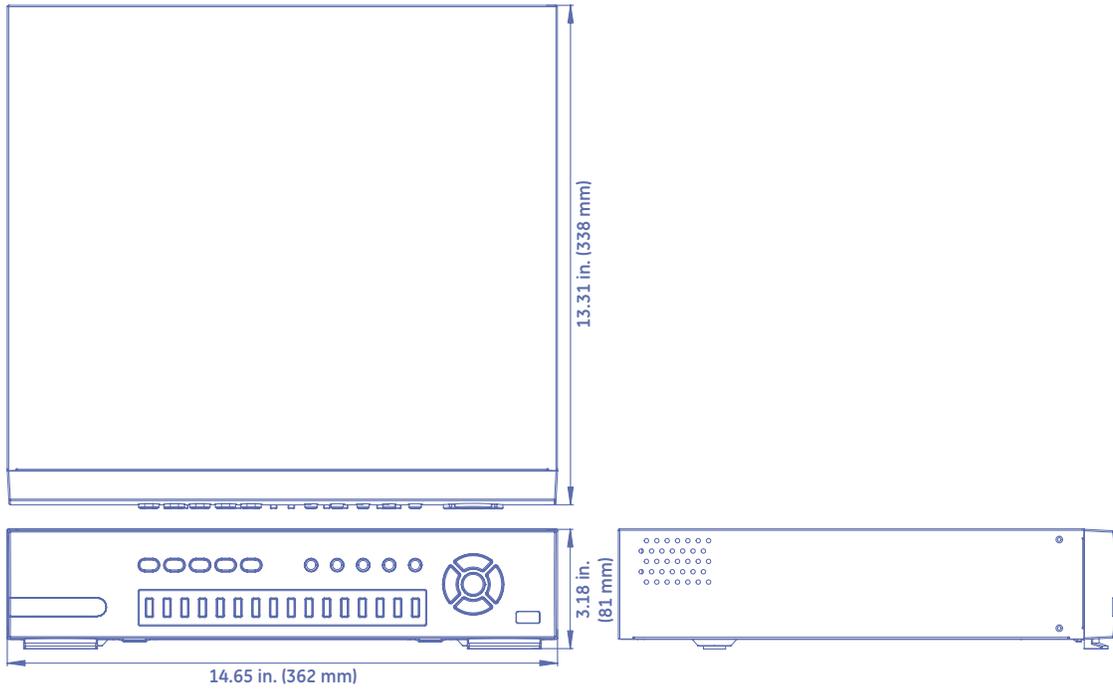- Power source: Universal, 19 VDC
- Power consumption: 30 W

Remote software requirements

- Intel-based PC (or compatible), 1 GHz or faster
- Memory: 256MB RAM minimum
- Operating system: Windows® XP or 2000
- Browser: Microsoft® Internet Explorer 6.0 or later
- DirectX 9.0 or later

Regulatory

- CE, FCC, C-Tick

Dimensional Diagram

13.31 in. (338 mm)

3.18 in. (81 mm)

14.65 in. (362 mm)

Ordering Information

Digia™ II 4-Channel DVR	
Digia204-160	Digia II MPEG-4 DVR with 4 channels and 160GB hard drive
Digia204-320	Digia II MPEG-4 DVR with 4 channels and 320GB hard drive

Digia II 9-Channel DVR	
Digia209-160	Digia II MPEG-4 DVR with 9 channels and 160GB hard drive
Digia209-320	Digia II MPEG-4 DVR with 9 channels and 320GB hard drive

Digia II 16-Channel DVR	
Digia216-160	Digia II MPEG-4 DVR with 16 channels and 160GB hard drive
Digia216-320	Digia II MPEG-4 DVR with 16 channels and 320GB hard drive
Digia216-640	Digia II MPEG-4 DVR with 16 channels and 640GB hard drive

Digia II Accessories	
Digia2RK	Digia II rack-mount brackets, pair

GE
Security

Specifications subject to change without notice.

imagination at work

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