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StoreSafe Pro

Digital Video Recorder with Advanced Multiplexer Functionality

Overview

StoreSafe™ Pro offers 4, 10, and 16 camera units with built-in 40, 80, 160, or 320 GB hard drives. StoreSafe Pro 10 and 16 channel units are also available with 600 GB hard drives. The system can store high resolution color or black-and-white images for days, weeks, or even months. StoreSafe Pro features alarm inputs, single channel audio, preevent recording, and a point-of-sale (POS) and ATM interface through the ProBridge family of interface devices.

Outstanding Features

Recorded data can be searched by alarms, events, time and date range, and cameras. With a built-in CD-R drive, video can be easily retrieved as evidence in disputes associated with cash register transactions, access control logs, or other audit trail oriented systems.

The system's AutoInstall™ feature self-configures when it powers up, standing by in event mode until activity takes place within its field of view. Recording begins when motion is detected. Recording rates and image quality are selectable per camera.

Wavelet video compression makes it possible to archive compact files with high image resolution. Cameras may be set to record individually in time lapse mode, event mode, or both modes. A digital watermark ensures recording integrity.

Versatile Simplicity

Live and recorded images can be viewed simultaneously on the same monitor while recording continues, capturing up to 60 pictures per second (across the box). Units connected via Ethernet can support up to 20 simultaneous users while allowing one user to play back video.

Network connected units can automatically send an e-mail to two users based upon a change in status of alarm, video loss, record status, or archiving. StoreSafe Pro offers PTZ control through CBR-KB3/J or a KTD-405 keypad. LAN/WAN connection is through an RJ-45 connector.



Standard Features

- **Built-in CD-R with one-button video copy**
- **Triplex® multiplexer operation**
- **Parallel Video Processing (PVP) for ultra-fast recording up to 60 pps (50 pps PAL)**
- **Ethernet LAN/WAN capability, TCP/IP protocol**
- **Set separate recording rates, mode, and image quality for each camera.**
- **POS interface associates receipt text with corresponding video using ProBridge 3**
- **Alarm inputs; pre and post alarm recording**
- **E-mail notification upon alarm, video loss, record status, and more**
- **View live or recorded images remotely using WaveReader™ software**
- **Single channel audio recording**
- **Local motorized PTZ control with CBR-KB3/J or KTD-405 keypad**
- **Retail search from front panel (5.21 only)**

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Specifications

Inputs

- Camera: 4, 10, or 16 looping BNC connectors, NTSC/EIA or PAL/CCIR compatible; auto-terminating
- Conditioning: AGC, 0.5 to 2.0 V p-p video accepted
- Termination: Automatic, 75 ohm or Hi-Z if looped

Video Outputs

- Monitor A composite: One monitor A multiscreen output, BNC connector, NTSC/EIA or PAL/CCIR compatible
- Monitor B composite: One monitor B full-screen switched output, BNC connector, NTSC/EIA or PAL/CCIR compatible

Archive

- Archive device type: Internal CD-R drive

Network

- Type: 10/100 Ethernet (auto-sensing); one RJ-45 connector

Video

- Display memory: 2048 x 1024 memory array per monitor; 32 MB total display memory
- Colors: YUV 4:2:2, 16.8 million colors
- Grayscale: 256 levels
- Horizontal resolution: 720 pixels
- Vertical resolution: 484 active lines NTSC/EIA, 576 active lines PAL/CCIR

Alarm Handling

- Alarm inputs: 4, 10, or 16 fixed or N/O
- Alarm outputs: Two form-C relays, fixed N/O; rated 0.5 A
- Alarm latching: Three settings: latched, transparent, timed-out; programmable 1 to 100 sec.
- Alarm recording: Programmable priority control: interleaved or exclusive

- Alarm displays: Full screen

Video Motion and Activity Detection

- Zones per camera: 256, 16 x 16 grid
- Sensitivity settings: 10 levels
- Gray levels per zone: 256 levels
- False alarm rejection processing: 3 levels
- Size discrimination: 256 levels
- Status output: Link to relay

Recording

- Hard drive: Check www.GESecurity.com for current hard drive sizes
- Record speed: Selectable; 60 pps (50 pps PAL) to 0.125 pps; event, time lapse, or both
- Compression: Wavelet format; standard, medium, and high quality settings selectable per camera
- Record mode: Time Lapse, Event, and Time Lapse + Event

Electrical

- Input voltage: 12 VDC, 90 V to 264 V; AC/DC adapter included
- Power: 35 W nominal

Environmental

- Operating temperature: 32 to 104°F (0 to 40°C)
- Relative humidity: 90%, noncondensing

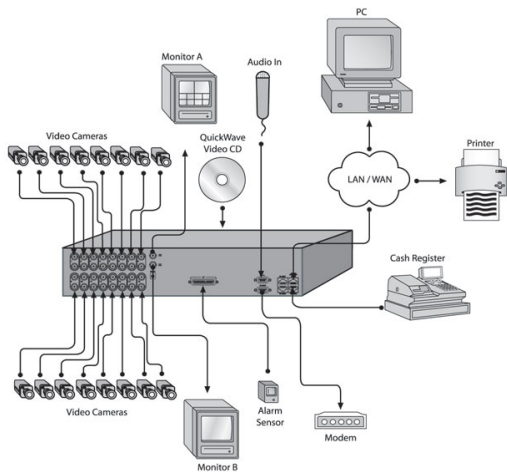
Physical

- Dimensions (WxHxD): 13.0 x 3.5 x 13.5 in. (330 x 89 x 343 mm)
- Weight: 21 lb. (9.53 kg)

Options

- CBR-RK5-G: Rack mount ears

Related Diagram



Ordering Information

SDVR-	P-
BNC Connectors	Hard Drive
4	40 GB (Only 4/10 channel units)
10	80 GB
16	160 GB
	320 GB
	600 GB (Only 10/16 channel units)



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