

Digital Video Recorder with Advanced Multiplexer functionality



Associate text on a customer's receipt with corresponding video when using StoreSafe SDVR Advanced with a ProBridge interface device.

StoreSafe SDVR Advanced offers the features of the standard StoreSafe SDVR but with the added capability of single-channel audio, alarm inputs, pre-event recording, and Point-of-sale (POS) interface through the ProBridge family of interface devices.

Available as a four- or ten-camera unit with built-in 40-,

80-, or 160-GB hard drive, StoreSafe SDVR Advanced can store high-resolution color or B/W images for days, weeks or even months*.

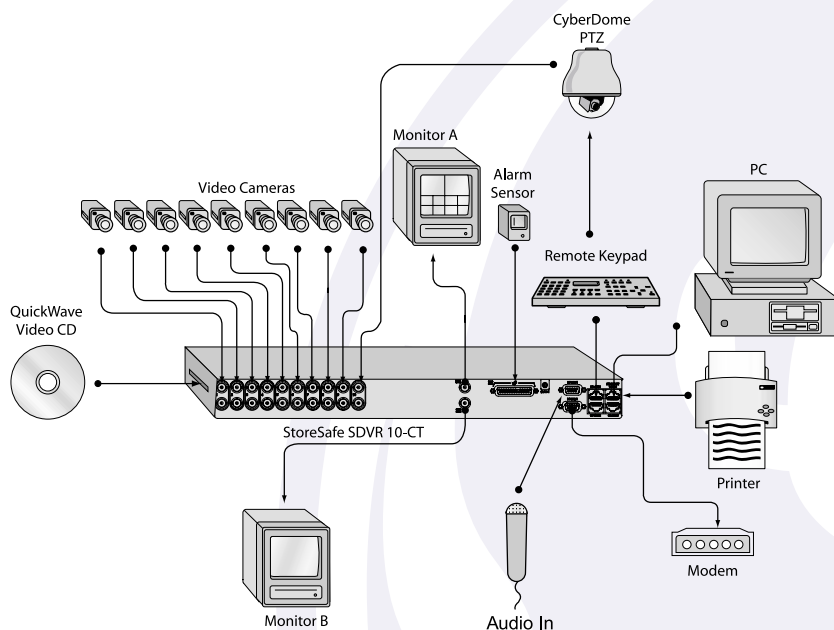
Recorded data can be searched by alarms, events, time and date range, and cameras, eliminating hours that used to be spent searching for critical data. Using ProBridge interfaces, transaction text data

Features

- Built-in CD-R with one-button video copy
- One-button printing capability
- Parallel Video Processing (PVP) for ultra-fast recording up to 30 pps (25 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
- Alarm inputs and 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-KB32/J or KTD-405 keypad¹

¹ Call GE Interlogix for a list of supported third-party PTZ hardware. Additional hardware may be required in some systems.

*See http://www.kalatel.com/record_calc for storage expectations under standard conditions.



can be captured and associated with stored video. Video can be easily retrieved as evidence in disputes associated with cash register transactions, access control logs, or other audit trail oriented systems.

With its exclusive AutoInstall feature, the unit self-configures on power-up, standing by in event mode until activity takes place within its field of view. Recording begins

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Versatile Simplicity

StoreSafe SDVR Advanced is available as a four- or ten-camera unit. LAN/WAN connection is through a RJ45 connector. Remotely controlled via a PC (with WaveReader) through the LAN port or optional dial-up modem



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**Product
Specification**

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when motion is detected. Recording rates and image quality (high, medium, and standard settings) 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. Recording time can be optimized by assigning high-density recording rates to higher priority cameras and

reduced recording rates to lower priority cameras. A secret watermark ensures the integrity of each recording.

Live and recorded images can be viewed simultaneously on the same monitor while recording continues, capturing up to 30 pictures per second (across all cameras). Units connected via Ethernet can support up to ten simultaneous users while allowing one user to play back video without affecting programming.

Network connected units can automatically send an email to two users based upon a change in status of alarm, video loss, record status or archiving. Units connected via a network can also be remotely upgraded with any user intervention at the unit location. Authorized users can select and post images to the network; store, print, and e-mail images; and store video clips.

Recording Capacity

40-GB Storage Capacity (NTSC)

Record Mode		2 hr	12 hr	24 hr	48 hr	72 hr	168 hr	960 hr
		30 pps	10 pps	5 pps	3 pps	2 pps	1 pps	0.125 pps
Resolution	High	13 hr	40 hr	3.4 days	6.7 days	10 days	24 days	135 days
	Medium	19 hr	56 hr	4.6 days	9 days	14 days	32 days	185 days
	Standard	30 hr	3.7 days	7 days	15 days	22 days	52 days	296 days

80-GB Storage Capacity (NTSC)

Record Mode		2 hr	12 hr	24 hr	48 hr	72 hr	168 hr	960 hr
		30 pps	10 pps	5 pps	3 pps	2 pps	1 pps	0.125 pps
Resolution	High	27 hr	3.4 days	7 days	14 days	20 days	47 days	269 days
	Medium	37 hr	4.6 days	9 days	19 days	28 days	65 days	370 days
	Standard	59 hr	7 days	15 days	30 days	44 days	104 days	593 days

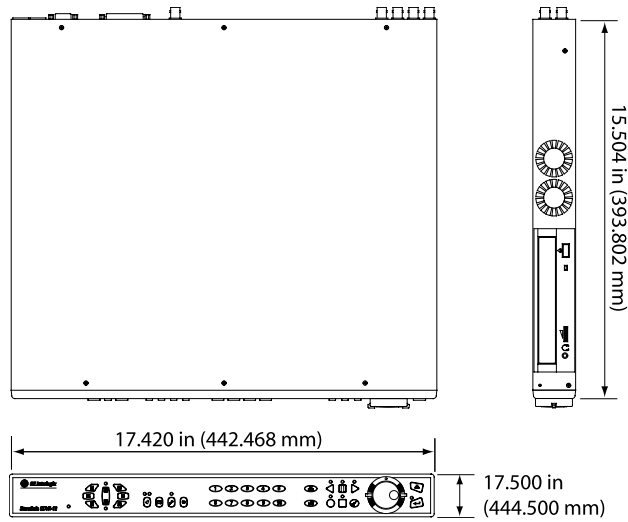
160-GB Storage Capacity (NTSC)

Record Mode		2 hr	12 hr	24 hr	48 hr	72 hr	168 hr	960 hr
		30 pps	10 pps	5 pps	3 pps	2 pps	1 pps	0.125 pps
Resolution	High	54 hr	6.7 days	14 days	27 days	40 days	94 days	539 days
	Medium	3.1 days	9 days	19 days	37 days	56 days	130 days	741 days
	Standard	4.9 days	15 days	30 days	59 days	89 days	207 days	1,185 days

StoreSafe SDVR Advanced

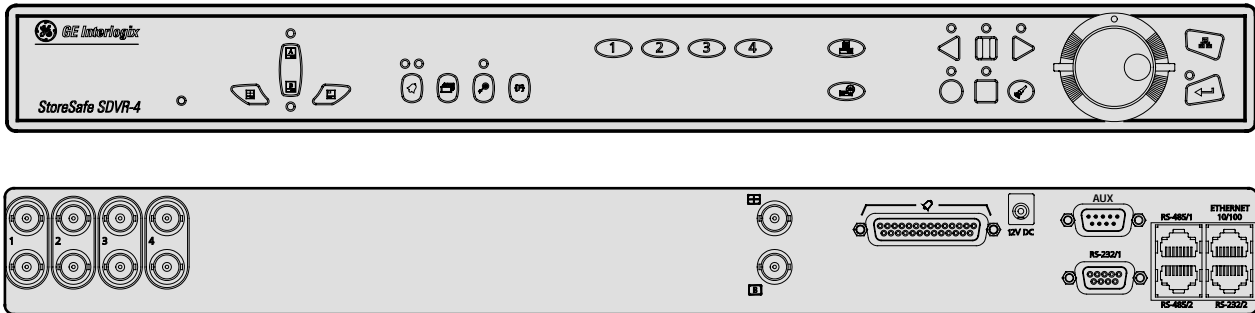
Dimensions

Dimensional drawings represent both the four- and ten-channel units.

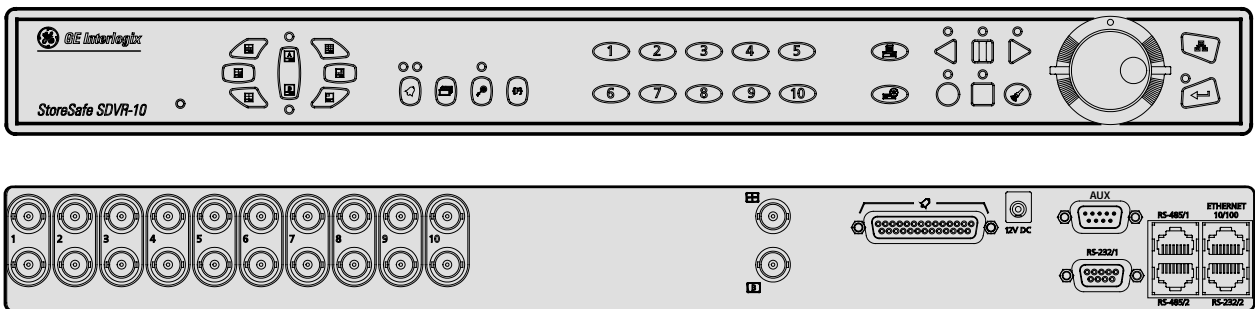


Front and Back Panels

Four-channel front and back panels



Ten-channel front and back panels



Technical Specifications

Inputs

Camera:	4 looping BNC connectors, NTSC/EIA or PAL/CCIR compatible; auto-terminating
Conditioning:	AGC, 0.5 to 2.0 V pk-pk video accepted
Termination:	Automatic, 75 ohm or Hi-Z if looped
RS232 Port 1:	DB9 male connector. For POTS, remote control and front panel emulation
RS232 Port 2:	RJ45 connector for ASCII text insertion and event generation
Audio Aux:	DB9M, Line Level

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
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Network

Type:	10/100 Ethernet (auto-sensing); one RJ45 connector
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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/EIC, 576 active lines PAL/CCIR

Alarm Handling

Alarm Inputs:	(4) Fixed or NO
Alarm Outputs:	Two form-C relays, fixed NO; rated 0.5 A
Alarm Latching:	Three settings: latched, transparent, timed-out; programmable 1-100 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:	Contact GE Interlogix for current hard drive sizes.
Record Speed:	Selectable; 30 pps (25 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

Printing

Ethernet Port:	Requires compatible printer connected via print server ¹
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Miscellaneous

Input Voltage:	12 VDC, 90 V – 264 V AC/DC adapter included
Power:	35 W nominal
Temperature:	0 to 40 °C (32 to 104 °F), operating
Relative Humidity:	90 percent, noncondensing
Weight:	21 lbs (9.525 kg)

Ordering Information

SDVR 4A-40:	40-GB, 4-channel Triplex, CD-RW, Ethernet, Advanced
SDVR 4A-80:	80-GB, 4-channel Triplex, CD-RW, Ethernet, Advanced
SDVR 4A-160:	160-GB, 4-channel Triplex, CD-RW, Ethernet, Advanced

¹Printer and Print Server must be purchased separately. HP DeskJet 920C and Hawking Printer Server (Model PN7127P) are the only approved compatible products.
²Add "X" to part number for PAL versions.



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