GE Security

DVSR-xU

Professional DVR with 4, 8 or 16 video and audio inputs

Most Advanced DVSR

The second DVSR generation utilizes latest H.264 compression technology which offers 25 frames per channel, per second at CIF resolution. This compression technology produces small but extra high quality images. The dual streaming functionality allows the user to set up different settings for recording and streaming video. It offers 4, 8 or 16 channels of analog recording, all up to 4CIF resolution (704 x 576).

Network Functionality

The dual streaming functionality allows the user to set up different settings for recording and streaming video. DVSR xU incorporates Triplex functionality for simultaneous transmitting, viewing live video and recording. You can download and playback of archived video local as well as at the remote site. DVSR xU can be easily networked and viewed remotely via 10/100BaseT Ethernet. It uses Dynamic IP Addressing (DHCP) and supports Dynamic Domain Name Server (DDNS) capability.

Remote Access

The DVSR xU web browser allows users to observe video virtually every where in the world, a remote client software that comes with the unit allows multi-client viewing of live and recorded video from multiple DVSR (Multisite View).

Extended and Unique Features

Hard drive sizes from 250GB to 7TB are available with the DVSR xU to fit all of your storage needs, up to multiple years of video and data can be stored. DVSR xU operation and PTZ can be controlled either by the front panel the IR-remote control or even via the included Mouse. The DVSR xU has advanced Self-Monitoring Analysis and Reporting Technology as well as sophisticated PowerSaving features that allow the DVSR xU to activate only the currently used HDD and to idle the others. This feature extends the HDD life cycle compared to currently used systems in the DVR market place.

Standard Features

- H.264 dual streaming video technology
- Real-time video recording @ CIF resolution
- Up to 4CIF recording resolution with individual set up for each channel
- Dual monitor support - independent configurable
- English and 14 European-languages OSD menu
- Supports up to 7 Tbytes internal
- Watermark protection
- Web-server feature allow remote access through TCP/IP DHCP and ADSL
- Supports ThumbDrive, HDD and Optical Drives via USB
- e-SATA support for GE DVSR-BACKUP and Storage Expansion Devices
- All major brand protocols are pre-lodaed and supported
- PTZ and Dome camera control via mouse, front panel and IR-remote controller
- ATM ready with more than 10 built- in protocols
- HDD Self-Monitoring Analysis and Reporting Technology
- SMART and PowerSaving supported for extended HDD lifetime
- Compliant to the German BGV Kassen decree
- Compliant to the French decree from August 3rd. 2007

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Specifications

Video

- Conditioning AGC, 0.7 to 1.4.0 V pk-pk video accepted
- Horizontal resolution 704 pixels
- Vertical resolution 576 lines
- Video compression standard H.264
- Monitor A composite One monitor A multiscreen output, BNC connector, NTSC/EIA or PAL/CCIR compatible
- VGA Same display content as monitor A
- Monitor B composite One monitor B multiscreen output, BNC connector, NTSC/EIA or PAL/CCIR compatible

Recording

- Hard drive 7-HDD SATA with SMART technology design extends hard drive life
- Resolution 4CIF (704x576), DCIF (528x384), 2CIF (704x288), CIF (352x288) and QCIF (176x144)
- Speed All channels in realtime at CIF
- Bandwidth Up to 2 Mbit/sec. per ch. scalable
- Mode Manual, Schedule, Motion and Alarm
- Multi-Screen Display Full, 4, 9,12 and 16 (Live)
- Full, 4, 9 and 16 (Playback)

Audio

- Compression standard Ogg Vorbis
- Input 4, 8 or 16 channels, BNC
- Output 1 BNC

Video Motion, Privacy Masking and Tampering detection

- Zones per camera 396 zones per camera (22 x 18 grid)

Operation

- OS VxWorks real-time OS
- Languages English & 14 European languages
- Users Admin, Manager, Opreator & 13 additional

Network

- Type 10/100 Base-T, RJ-45
- Protocol TCP, IP, ARP, RARP, PPP, PPPoE, DHCP,SNMP
- Others ADSL modem and PSTN line for alarm video transmission

Archive

- USB USB Memory Stick, USB HDD and DVSR-DVD-L
- e-SATA DVSR-BACKUP and Storage Expansion Devices (up to 1TB)

Connectors

- RS-232 serial port RJ-45
- RS-485 PTZ control port Screw terminal strip
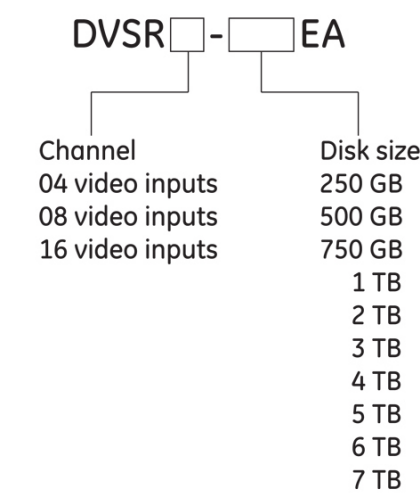- USB 1
- e-SATA 1

Alarm Handling

- Alarm Monitor Mon A or B (configurable)
- Alarm input 4, 8 or 16 programmable NO/NC
- Alarm output Form C alarm relay (4)

Miscellaneous

- Input voltage 90 to 135 VAC / 180 to 256 VAC, 47 to 63 Hz
- Power consumption max 126 W
- Temperature -10 to +50°C
- Relative humidity 10 to 90%
- Dimensions (W x H x D) 435 x 95 x 455 mm, 19-inch (2U)
- Weight Max. 11 kg

Diagram

DVSR☐-☐EA

Channel	Disk size
04 video inputs	250 GB
08 video inputs	500 GB
16 video inputs	750 GB
	1 TB
	2 TB
	3 TB
	4 TB
	5 TB
	6 TB
	7 TB

Ordering Information

DVSR-xU

Professional H.264 DVR with 4, 8 or 16 video and audio inputs, real-time CIF