




COMPACT SURVEILLANCE FOR TRANSPORTATION APPLICATIONS

Transportation environments are often harsh for electronic equipment. The exposure to repetitive shocks and vibration may prove too much for some systems.

Specifically designed for public and commercial transport applications and encased in an rugged metal chassis, the TransVu Express unit can withstand tough environments to provide uninterrupted, in-vehicle video security surveillance.

Small, light, robust and cost-effective, the TransVu Express is ideal in space-restricted situations where the application demands dependability and resilience from the product.

The TransVu Express digital video recorder can provide long, trouble free service in high vibration environments making it one of the most powerful and useful transit video surveillance tools available today.

FEATURES

- ▶ **Developed specifically for compact transport such as cars, buses, taxis, motorcycles, light rail and trucks**
- ▶ **Simultaneous MPEG-4 and JPEG transmission and recording**
- ▶ **Rugged design with aerospace shocks**
- ▶ **MultiMode Recording - Dynamically-switchable resolution, record-rate and compression (MPEG-4/JPEG) per camera**
- ▶ **30pps and 120pps models available**
- ▶ **Intelligent power management based on ignition and supply voltage**
- ▶ **Two audio inputs, Three alarm inputs**
- ▶ **Storage on HDD, Compact Flash or SD Card (specified at time of order)**
- ▶ **HDD versions come with anti-vibration mounts as standard**
- ▶ **Rugged, environmentally robust housing and connector**
- ▶ **Monitor output provides spot or main monitor functionality**

SPECIFICATION

RUGGED DESIGN

Designed with a heavy duty steel enclosure and aerospace grade suspension bushes, the TransVu Express can withstand prolonged exposure to the vibration and shock that is typical of road and rail transportation. In addition, the use of a single, rugged, connector provides excellent protection for the various inputs and allows quick and easy removal / installation.

POWER MANAGEMENT

The TransVu Express power management facility stops the unit recording and closes down operation after a user defined period has elapsed from the vehicle ignition being turned off. TransVu will also carry out a controlled and timed power down sequence when the vehicle voltage has fallen below a user set level.

RAPID DEPLOYMENT

The low current consumption required for operation combined with the units mobility makes the TransVu Express product range ideal for rapid deployment applications requiring video surveillance security. TransVu Express can be adapted for use in a wide array of applications, including specialty vehicles and watercraft used for pleasure, commerce or government.

MultiMode RECORDING

MultiMode recording gives you the ability to set different record rates, resolutions and compression algorithms across scheduled, normal and alarm modes. MultiMode Recording profiles can be set per unit, giving you the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically on individual cameras and across the whole unit.

COMPRESSION

MJPEG & MPEG-4 formats at 4CIF, 2CIF, CIF & QCIF resolution. User definable file compression size.

MONITOR OUTPUT

Low end system - single composite video output showing live or recorded images. High end system - single composite video output offering a range of display formats including full screen, quad, nine way and picture-in-picture. Presentation of live and recorded images simultaneously. OSD capability.

CAMERAS

4 or 8 channel models
75 ohm termination,
Composite IV peak to peak,
Color or monochrome.
NTSC or PAL software selectable.

RECORD RATE

Low End 8 Channel unit - 30pps (NTSC), 25 pps (PAL)
High End 8 Channel system - 120pps (NTSC), 100 pps (PAL)

INTERNAL STORAGE

80 and 120GB (160GB special order)

AUDIO

1 channel line level.
1 channel microphone level with bias supply (software switchable to line level, no bias).
Range - 50mV to 1.5V RMS
Software adjustable gain and AGC (Automatic Gain Control).

ALARMS

3 analog inputs with EOL detection capability.

RELAY OUTPUTS

Solid state relay providing polarized volt free contacts.
Rated up to 60V and 700mA.

CONNECTIONS

Serial Ports - 1 x 9 way (Male) D Type RS 232 ports
Ethernet - 10/100Base T connection
FTP and Telnet access

POWER

Supply voltage 10 to 30 volts dc.
Power consumption excluding HDD 7.5W.

TEMPERATURE RANGE

Disk Drive (HDD) +41° - 131°F (+5° to +55°C)
Disk Drive (Solid State) -4° - 158°F (-20° to +70°C)

DIMENSIONS

Excluding mounting hardware
7.1" x 4.3" x 2.4"
(210mm x 120mm x 62mm) (includes HDD)

Including mounting hardware
8.3" x 4.7" x 2.4"
(210mm x 120mm x 62mm)

WEIGHT (with mounting plate)
4.0lbs (1.8kg)

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS



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