



## COMPACT SURVEILLANCE FOR TRANSPORT APPLICATIONS

Transportation environments can often prove harsh for electronic equipment, with exposure to repetitive shocks and vibration proving too much for some systems.

Specifically designed for public and commercial transport applications and encased in a ruggedised metal chassis, the TransVu Express unit can withstand this tough environment to provide uninterrupted in-vehicle security surveillance.

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

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

- ▶ Developed specifically for transport applications
- ▶ Simultaneous MPEG-4 and JPEG transmission and recording
- ▶ Ruggedised design with aerospace shocks
- ▶ MultiMode Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/JPEG) per camera
- ▶ 30pps and 120pps model variants available
- ▶ Intelligent power management based on ignition and supply voltage sense
- ▶ 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



## RUGGED DESIGN

Designed to conform to ETSI 5M2 (road) and EN 61371 (rail) standards with a heavy duty steel enclosure and aerospace grade suspension bushes, the TransVu 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, automotive connector provides excellent protection for the various inputs and allows quick and easy removal / installation.

## POWER MANAGEMENT

The TransVu 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 product range ideal for rapid deployment applications requiring CCTV. Areas where solar power with backup batteries provides the power, recording in mines or mine vehicles due to health and safety or high risk areas not allowing mains voltages make TransVu Express the perfect choice.

## 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.

## CAMERAS

8 channel camera options  
75 ohm termination,  
Composite 1V peak to peak,  
Colour or monochrome.  
PAL or NTSC software selectable.

## RECORD RATE

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

## 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.

## 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) er.

## ALARMS

3 analogue inputs with EOL detection capability.

## RELAY OUTPUTS

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

## CONNECTIONS

Serial Ports - 4x 9 way (Male) D Type RS 232 ports  
Ethernet - 10/100Base T connection  
FTP and Telnet access

## CONNECTIONS

Ethernet - 10BASE-T and 100BASE-T

## POWER

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

## TEMPERATURE RANGE

Disk Drive (HDD) +5 to +55C  
Disk Drive (Solid State) -20 to +70C

## DIMENSIONS

### Excluding mounting hardware

180mm x 110mm x 60mm  
1.1 kg (includes HDD)

### Including mounting hardware

210mm x 120mm x 62mm  
1.5 kg