

TRANSVU EXPRESS

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 rugged metal casing, the TransVu Express mobile video recorder and server can



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

WHY TRANSVU ?

- ✓ Developed specifically for transport applications and high vibration environments typical of road and rail.
- ✓ Ruggedised design with robust housing and aerospace standard anti-vibration mounts.
- ✓ Driven by NetVu Connected core technology to ensure differentiated, scalable and seamless operation.
- ✓ MultiMode™ recording with NetVu cameras reduces storage needs while maintaining very high recording quality, offering initial savings on storage costs and extended Hard Disk Drive life.
- ✓ 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.
- ✓ Storage on removable HDD, Compact Flash, SD Card or SSD (User Defined).

KEY FEATURES

- 8 IP Cameras or more with resolution up to 12MP.
- One audio output, Two audio inputs, Three alarm inputs
- 3-axis 2g or 8g accelerometer provides g-force measurements of vehicle. This can be associated with camera footage for use in evidential circumstances.
- Simultaneous MPEG-4 or H.264 transmission while recording in MJPEG.
- Low current consumption and portability of the unit makes TransVu Express the ideal choice for specialist mobile applications.
- MJPEG, MPEG4&H.264 selectable recording options.
- Ability to use a camera as a reversing mirror.

TECHNICAL SPECIFICATION

AUDIO

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

ALARMS

3 analogue inputs with EOL detection capability.

TELEMETRY

Camera Telemetry Available using RS232 protocol (Non-vehicle application).

RELAY OUTPUTS

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

CONNECTIVITY

37-way D-Type Connector providing: Ethernet connection, camera inputs, monitor outputs, audio, power, alarm.
15-way D-Type connector providing serial ports (RS232/422/485)

USB Port

USB port for archiving or dual recording medium.

CAMERAS

8 IP cameras (or more IP cameras using Secure Network Extender) with resolution up to 12MP.
75Ω termination.
Composite 1V peak to peak Colour or monochrome.
PAL or NTSC software selectable.
Recorded Camera can also be duplicated as a reversing mirror.
Viewed as a live feed through Spot Monitor Output.

DISPLAY OUTPUT

HD display using HDMI monitor.

ANALOGUE RECORD RATE

50/60pps (PAL/NTSC) @ 4CIF
100/120pps (PAL/NTSC) @ 2CIF
200/240pps (PAL/NTSC) @ CIF

COMPRESSION

MPEG-4 and H.264 formats at 4CIF, 2CIF, CIF and QCIF resolution for analogue cameras.
Up to 12MP IP camera recording.
User definable resolution and image size.

STATUS LEDS

Power, Network, HDD, CF/SD, Recording, Camera Fault.

POWER SUPPLY

Supply voltage 10 to 30 Volts dc.
Power consumption including HDD 7.5W.
Switched power output (1A) maximum for peripheral devices.

TEMPERATURE RANGE

Disk Drive (HDD) 5°C to 55°C (41°F to 131°F).
Disk Drive (Solid State) 0C to 70C (32°F to 158°F).

PRODUCT DIMENSIONS (Including mounting hardware)

185mm x 185mm x 65mm (7¹/₄"x 7¹/₄"x 2⁹/₁₆").

PRODUCT WEIGHT

2.11kg (4lbs, 10¹/₂oz.) (including HDD).

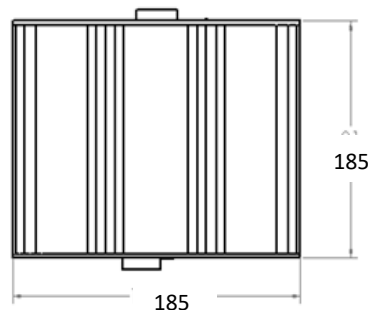
OPTIONS

Removable HDD as standard.
Removable Compact Flash (CF), Removable Secure Digital (SD), Removable Solid-State Drive (SSD).

WARRANTY

1 Year, plus additional 1 year (registration required)

TECHNICAL DRAWING



PART NUMBERING

TransVu Express

TVE/08/0T



ACCESSORIES

| | |
|------------------------------|---------------|
| Spare caddy – 1TB | TVE/CDY1/1T |
| External harness - 4 Cameras | TVE/ACC/HARN4 |
| External harness - 8 Cameras | TVE/ACC/HARN8 |
| Mounting Plate | TVE/ACC/MPLT |

NETVU VIDEO MANAGEMENT SOFTWARE

| | |
|---------------------------|-------|
| NetVu Pick-a-Point | PPW03 |
| NetVu Enterprise Observer | ENVO |
| NetVu Archive Management | AMS |

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TV/DAT/001/A