



ADVANCED SURVEILLANCE FOR TRANSPORTATION

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

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

Alongside traditional DVR features such as alarm, and audio recording, the TransVu unit incorporates features specifically developed for the transportation market. Location tracking via GPS, a built-in accelerometer, intelligent power management integration with vehicle system data (such as Tachometer), and a driver panic button all enhance the functionality of this mobile DVR

TransVu Media brings a new dimension to vehicle security. Utilising additional monitor outputs from the TransVu unit, advertising or route information can be shown to commuters.

Messaging can be fed through the monitors using a GPS system to trigger location specific messaging or a range of images pre-loaded on the TransVu unit itself for a controlled stream of advertising. For the customer this provides an additional benefit, by utilising the unit as a source of revenue the security solution pays for itself.

The TransVu 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.

FEATURES

- ▶ Up to 4CIF recording resolution
- ▶ Simultaneous MPEG-4 transmission and JPEG recording¹
- ▶ Ruggedised design with shock-proof cradle
- ▶ Up to 8 camera inputs (16 special order)
- ▶ Maximum record rate 50PPS (PAL), 60PPS (NTSC)
- ▶ Fixed and removable hard drive options available
- ▶ 2 audio inputs
- ▶ 6 configurable alarm inputs
- ▶ Vertical and horizontal installation options
- ▶ Advertising support via additional monitor outputs¹
- ▶ Accelerometer included as standard
- ▶ Spot monitor available as standard
- ▶ Power management facility to ensure optimum performance
- ▶ A heater option is available for fixed drive variants.
- ▶ Video motion detection
- ▶ Report on alarm via SMS or other wireless networks
- ▶ Location tracking via GPS*
- ▶ GSM/SMS/GPRS/UMTS support*

* VIA SUITABLE INTERFACES

BENEFITS

- ▶ Increased image quality captures greater detail
- ▶ Ruggedised mobile CCTV recorder, designed with shock-proof cradle to withstand high vibration environments
- ▶ Comprehensive transport security features ensure that passengers, the driver, the vehicle and its cargo can be protected at all times
- ▶ Integrated power management facility ensures the unit can remain recording for a definable period of time even after the ignition is switched off maintaining vehicle battery life
- ▶ Vertical and horizontal mounting configurations ensure the TransVu can be deployed without using valuable space on the vehicle
- ▶ Single quick release automotive connector ensures connection reduces installation integrity in high vibration environments
- ▶ Through efficient use of compression technology and image resolution, recording gives customers high quality images without impacting on storage
- ▶ Location-specific information and advertisements can be presented to commuters through TransVu Media
- ▶ Advertising offers a source of revenue generation for the transport operator, allowing the CCTV solution to pay for itself (when using TransVu Media)

CAMERAS

8 Cameras, 75 Ohm impedance, software switchable termination (16 cams available on special order)

RECORDING

A choice of hard disk sizes are available. Please contact customer services in your region or check the website at www.dedicatedmicros.com

RECORD RATE

The TransVu can record at 50 PPS (PAL), 60 PPS (NTSC) MJPEG.
The TransVu Media can record at 25PPS (PAL) 30PPS (NTSC) MJPEG.

RUGGED DESIGN

Designed to conform to IEC Class 5M2 (road) and EN 61371 (rail) standards with a heavy duty steel enclosure, aerospace grade suspension bushes and 2.5" hard drives, the TransVu can withstand prolonged exposure to the vibration and shock that is typical to 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.

LOGGING OF VEHICLE SYSTEMS

TransVu supports logging of vehicle systems such as Tachometer, Accelerometer, Speedometer, oil pressure etc.

TRANSVU MEDIA

The TransVu Media allows advertising and customer information to be shown to commuters using two monitor outputs located on the unit. The messaging can be location specific, advertising shops or attractions on the vehicle's route. In addition user definable text can be overlaid on the monitors to add specific messages to customers.

POWER MANAGEMENT

The TransVu power management facility stops the unit recording and closes down operation 15 minutes (or a user defined time) after the vehicle ignition is 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.

POWER

Voltage: 10 to 30 volts DC
Current consumption: 15w approx 1.4 AMPS @ 12V DC

COLOUR RESOLUTION

Sampling Rate: 13.5MHz to CCIR 601
Number of pixels: PAL 720h x 512v NTSC 720h x 448v
16.8 million colours, 256 levels of grey. 8-bit luma.

COMPRESSION

JPEG & MPEG-4 formats.
User definable file compression size.
Maximum recorded resolution 720x576 (JPEG), 704x576 (MPEG-4)

LANGUAGES

English, French, German, Italian, Spanish

AUDIO

Audio Inputs: 2 individually selectable Mic or Line
Line input level: 50 to 4000mv
Frequency response: 50Hz to 3500Hz

ALARMS

6 alarm inputs: All A/D type configurable for alarms, ignition sense and taco.

SUPPORT APPLICATIONS

NetVu ObserVer, NetVu Media Manager (TransVu Media)

DATA CONNECTIONS

Serial Ports – 4xRS232 ports
Ethernet – 10/100Base T connection

TEMPERATURE RANGE

TransVu Unit: 0 to 55 °C / 32 to 131°F
Disk Drive: 5 to 55 °C / 41 to 131°F

DIMENSIONS

Case overall: 256mm x 248mm x 90mm
(excludes plug & flange mount)
Base Plate area: 296mm x 260mm
Required mounting space: 350mm x 380mm x 140mm
(excluding cable space or removable HDD access)

WEIGHT

4.75 Kg / 10lbs 8oz

WARRANTY

1 year warranty including HDDs

89/336/EEC, ELECTROMAGNETIC COMPATIBILITY DIRECTIVE (EMC)

BS EN 61000-6-1:2001
DD ENV 50204:1996
BS EN 50081-1:1992
BS EN 50121-3-2:2000 (referring to EN 55011)
BS EN 50155:200
IEC 60571 Ed. 2.0b:1998

SHOCK AND VIBRATION RESILIENCE

IEC 61373:1999
BS EN 50155:2001
IEC 60571 Ed. 2.0b:1998
ETSI EN 300 019-2-5 V2.1.2 (2001-09) Environmental

TEMPERATURE RESILIENCE

IEC 60068-2-1
IEC 60068-2-2
BS EN 50155:2001
IEC 60571:1998

FOR FURTHER INFORMATION PLEASE CONTACT CUSTOMER SERVICES IN YOUR REGION OR CHECK THE WEB SITE AT WWW.DEDICATEDMICROS.COM

FOR FURTHER INFORMATION PLEASE CONTACT

Dedicated Micros UK
Dedicated Micros USA

11 Oak Street, Swinton, Manchester M27 4FL UK Tel: +44 (0) 845 600 9500 Fax: +44 (0) 161 727 3300.
14434 Albemarle Point Place, Suite 100, Chantilly, Virginia 20151 USA Freephone: 800 864 7539
Tel: +1 703 904-7738 Fax: +1 703 904-7743 and 23456 Hawthorne Blvd. Suite 100, Torrance, CA 90505,
Tel: +1 310 791-8666 Fax: +1 310 791-9877.

Dedicated Micros Germany
Dedicated Micros France

Neckarstraße 15, 41836 Hückelhoven, Germany Tel: +49 243 352 580 Fax: +49 24 33 52 58 10.
9-13 rue du Moulinet, 75013 Paris, France Tel: +33 1 45 81 99 99, Fax: +33 1 45 81 99 89.

Dedicated Micros Asia
Dedicated Micros Australia
Dedicated Micros Malta
Dedicated Micros Middle East

16 New Industrial Road, #03-03 Hudson Techno Centre, Singapore 536204 Tel: +65 62858982 Fax: +65 62858646.
5/3 Packard Avenue, Castle Hill, NSW 2154, Australia Tel: +612 9634 4211 Fax: +612 9634 4811.
UB 2, San Gwann Ind. Est., San Gwann, Malta Tel: +356 21483 673 Fax: +356 21449 170.
Building 12, Suite 302, P.O.Box 500291, Dubai Internet City, Dubai, United Arab Emirates
Tel: +971 (4) 390 1015, Fax: +971 (4) 390 8655.

Dedicated Micros Slovenia
Dedicated Micros Benelux

Delavska cesta 24, 4208 Sencur, Slovenia Tel: +386 4 279 18 90 Fax: +386 4 279 18 91.
Joseph Chantraineplantsoen 1, 3070 Kortenberg, Belgium Tel: +32 2751 3480 Fax: +32 2751 3481.

 DEDICATED MICROS

www.dedicatedmicros.com

The manufacturer reserves the right to change the specification without notice. All trademarks are courtesy of registered owners. The DM logo is a trademark of Dedicated Microcomputers group Ltd. NetVu Connected is a trademark of the AD group.
MKT-TVU-D-006E

