




## ADVANCED VIDEO SURVEILLANCE FOR TRANSPORTATION



The TransVu series is designed for public and commercial transportation applications. The TransVu DVR is encased in a rugged metal chassis with shock absorbers to withstand exposure to extreme shocks, vibrations and temperature; and provides low current consumption, trouble free, uninterrupted vehicle video surveillance security.

With common DVR features such as alarm and audio recording, the TransVu unit also incorporates important features such as location tracking via GPS, a built-in accelerometer, power management integration with vehicle system data – such as tachometer, driver panic button capability and on-board spot monitor.

TransVu Media also offers media options that use additional monitor outputs to show advertising or route information. Messaging can be fed through the monitors using a GPS system to trigger location specific, general messaging or promotional images.

## FEATURES

- ▶ 8 or 16-channel models
- ▶ Model configuration can be customized for specific projects
- ▶ 60pps (all models) or 120pps (16 channel models only)
- ▶ 80, 120 GB removable or fixed HDD, or 240GB fixed only HDD
- ▶ Up to 4CIF recording resolution
- ▶ NetVu Connected and Observer for remote viewing and management
- ▶ Wireless LAN Communication and Control – DHCP capable, access any vehicle's DVR via external wireless access point or bridge
- ▶ MultiMode: Simultaneous MPEG-4 transmission and JPEG recording
  - ▶ JPEG for detailed quality image recorded at high rate
  - ▶ MPEG for continuous low storage memory recordings
- ▶ 2 audio inputs
- ▶ Video motion detection and 6 configurable alarm inputs
- ▶ Vertical and horizontal installation options
- ▶ Accelerometer, g force measurement (braking, turning, deceleration), partitions video if incident or event is sensed
- ▶ Logging – Supports vehicle performance data (RPM, MPH, braking, etc.)
- ▶ Power management function - DVR will continue to record after switch off or timed power down

# SPECIFICATION

		<b>TransVu</b>	
		Embedded	
	Operating System		
	Dimensions	Case overall: 10in x 9.75in x 3.5in (256mm x 248mm x 90mm) (excludes plug & flange mount) Base Plate area: 11.5in x 10.25in (296mm x 260mm) Required mounting space: 13.75in x 15in x 5.5in (350mm x 380mm x 140mm) (excluding cable space or removable HDD access)	
	Operating temperature range	TransVu Unit (without HDD): 23 to 158°F (-5 to 70 °C); TransVu with disk drive: 41 to 131 F (5 to 55 C); TransVu with Solid State Disk Drive: 32 to 140 F (0 to 60 C)	
	Power	10 to 30 VDC; current consumption 15w approx; 1.4 AMPS @12VDC	
Video	Weight	10lbs 8oz (4.75 Kg) - includes baseplate and suspension	
	Video Inputs	8 or 16; 75 Ohm impedance, individual termination	
	Operation	NTSC or PAL capable; simultaneous live, record, playback, remote and internet access	
	Maximum PPS_total (NTSC)	60 or 120 PPS	
	Live/Output Video	Spot Monitor Option	
	Recording	MPEG-4 and, or JPEG @ QCIF, CIF, 2CIF; and 4 CIF	
	MultiMode (Recording Algorithms)	Dynamically changes record rates, resolutions and compression setting for each camera	
	Trans-Coding	User selectable MPEG-4 and, or JPEG network transmission	
	Snapshot/Video Clip	Yes	
	Video Motion Search	Yes - 16 x 14 grid	
	Archive protection	Yes - protect against overwriting for user defined time/days upon alarm event	
	Wireless Communication	Supported via suitable interface - GSM, GPRS, UMTS, HSDPA, HSCSD	
	Storage Audio	Audio Input/Output	2 inputs with AGC
		Input and Frequency Response	Input: 50 to 400mv; Frequency: 50 to 3500Hz
Network Audio		Yes	
Storage	Internal Capacity	80, 120, 240 GB	
	HDD Types	Fixed, Removable, Solid State	
	Export	via network or optional removable HDD	
Alarms	Alarms and Relays	6 normal open/closed inputs - user definable	
	Alarm Function Support	Alarm log, event search, pre-event recording, multiple input alarm activation option	
	Alarm Reporting	Yes - to a remote site, E-mail and SMS (via Ethernet or dial-up/mobile phone)	
	Display Alarm on Spot Monitor	Yes or Network (via NetVu Observer)	
	Video Motion Detection	16 trigger zones with sensitivity for each camera	
Networking	NIC Interface	10/100	
	DHCP Capability	Yes	
	File Export		
	Remote PTZ Control		
	Bandwidth Management		
	Remote Administration		
	Remote PC Client	NetVu Observer, Auto download manager	
	Remote Web Browser Client	Viewing, Administration and Configuration/Programming	
	Password Protected	Yes	
	FTP Server Support		
	Built-in Firewall		
	Software upgrade	Internet	
	Status LEDs	Annunciates recording, power on, camera fail	
	Flash Disk	Yes - nonvolatile memory contains essential DVR program and data	
	Mounting	Vertical or Horizontal	
	Ports	Data - RJ45 10/100Base T Ethernet; 485 Bus (2); 4 Serial ports for RS232	
	Warranty	3 Years 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

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



**Dedicated Micros USA** 14434 Albemarle Point Place, Suite 100, Chantilly, Virginia 20151 USA Toll Free : 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 Canada** 5580 Explorer Drive, Suite 501, Mississauga, Ontario L4W 4Y1 Tel: +1 905 602-6222  
Fax: +1 905 602-6221

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.

