

available from:

Decibel Engineering Pty Ltd  
Suite 4, Level 2  
21 Woods Parade  
Fairlight, NSW 2094  
Australia

p: +61 2 9948 6564

info\_decibel@decibelengineering.com  
www.decibelengineering.com



SMART BY DESIGN, SIMPLE TO DEPLOY



**dvMo**

> DIGITAL VIDEO LINK



# dVMO DIGITAL VIDEO LINK

The dVMO COFDM digital video link from Wood & Douglas is an established product with Law Enforcement and Military bodies throughout the world. It is an evolving product and new developments and improvements are constantly appearing. This leaflet describes recent and future additions to the range. Overleaf the new Rapid Deployment Transmitter and Receiver are shown, while this page describes the exciting dVMO-RMP integrated compact receiver and dVMO-TML lightweight transmitter.

## → dVMO-RMP integrated compact receiver

- Ultra-small size
- 2.5MHz (option) and 8MHz bandwidth
- Dual diversity MRC reception
- Internal dual down-converter
- Advanced encryption techniques
- Optional tablet screen



## → dVMO-TP Portable Transmitter

- Small and lightweight
- Low current consumption
- Video, Audio and Data transmission
- 200mW R.F. output
- 8MHz bandwidth (2.5MHz option)
- AES 256 bit encryption
- Range of frequencies available



dVMO DIGITAL VIDEO LINK

## → STANDARD UNITS FOR VEHICLE and STATIC USE

In operational circumstances there will always be the need for practical ancillary equipment to mount the dVMO equipment. Wood & Douglas have produced such items ranging from simple mounting metalwork for two or three units to complex "crates" for mounting repeaters and ethernet systems.

Examples of these are:-

## → dVMO-CRATE

- Houses 3 dVMO packages
- i.e. dVMO-PA, T, IPX or MR2
- Base fan for cooling
- Interchangeable front panels
- 12V power outlets
- Rack mountable version
- Internal telemetry option



## → dVMO-ATR compatible mounts

These are metal enclosures and brackets which can be added to the standard dVMO units to enable them to be mounted onto standard ATR ARINC mounting trays as fitted in airborne vehicles. Wood & Douglas will be pleased to discuss your specific requirements.

Further information in the form of Data Sheets, Operating Instructions and Drawings can be obtained from the Sales Department at Wood & Douglas Ltd. A dVMO CD is also available.

Please email [sales@woodanddouglas.co.uk](mailto:sales@woodanddouglas.co.uk) or phone +44 (0)118 981 1444  
Local information can be obtained from:-  
[www.woodanddouglas.co.uk](http://www.woodanddouglas.co.uk) [www.cofdm.com](http://www.cofdm.com)

dVMO DIGITAL VIDEO LINK -

## → RAPID DEPLOYMENT UNITS



## → dVMO-RDT - RAPID DEPLOYMENT TRANSMITTER

- dVMO-T one-watt R.F. output transmitter
- Rugged heatsink - no fans
- External antenna socket
- Remote telemetry control
- Switchable power and frequency
- 1 video, 2 audio and 1 data stream
- Rugged weatherproof case
- Encryption options
- Compact one-piece unit



## → dVMO-RDR - RAPID DEPLOYMENT RECEIVER

- dVMO-MR2 dual-diversity MRC Receiver
- Dual down-converters (or pre-amplifiers)
- Twin antenna sockets
- High-visibility TFT flat screen
- 9-15V DC operation
- 1 video, 2 audio and 1 data stream
- Output for Repeater use
- 10 system profiles available - switchable frequency
- Encryption options
- Housed in rugged case



## → RADIO TELEMETRY OPTION

- VHF or UHF frequencies
- Remote switching of profiles
- Remote on/off switching