

Teledyne CDL

DIGITAL MICROVISION

VIDEO TRANSMISSION SYSTEM

The Teledyne CDL Digital MicroVision (DMV) is a next generation surface video transmission system which uses the latest CODFM digital coding techniques to achieve many advantages over traditional video transmission methods.

A greatly enhanced picture is produced at the receive end. Ghosting effects, often seen on analogue systems are eliminated and the system gives longer range while using less power.

Up to 8 DMVs can be used in the same area and both PAL and NTSC are supported. The system comprises Tx & Rx heads, a Transmitter control box and Receiver control box with integrated 5.6" display. All housings are ruggedized machined aluminium. A range of antenna options are available allowing increased range in both directional and omni-directional configurations.



PRODUCT FEATURES

- Digital TV Technology
- Excellent Picture Quality
- Long Range
- Low Power
- 8 Channels Available
- Ruggedized For Offshore Use
- Multiple Antenna Options



TELEDYNE CDL
Everywhereyoulook™

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TECHNICAL SPECIFICATIONS

Antenna Impedance	50 ohm
Transmitter Frequency	2405 - 2475MHz
Tx Power Output	400mQ (max)
Multi-channel Options	8 selectable channels
Channel Bandwidth	6,7,8 MHz (Selectable dependant on quality requirements)
Video Coding	MPEG2 4-8Mbit/s
Audio Coding	MPEG2 Audio, 128Kbit/s
Modulation Technique	QPSK (Quadrature Phase Key Shifting)
Range	15km approx. (Line of Sight)
Operating Voltage	12VDC or 110-240VAC (optional)
Power Rating	TX: 10 watt approx
RX: 16 watt approx	

Video/Audio Connections:

Video Input/Output	Composite/S Video
Audio Input/Output	TxBNC/Rx 3.5mm Jack Socket