

DTC Video Analog Transmitter

COBHAM

Model - VMX-250

The most important thing we build is trust

Video Analog Transmitter

The power efficient 250 mW video transmitter from Cobham Surveillance, DTC Products features ten user programmable video frequencies. Two audio subcarriers are also user programmable on each video channel. Channel selection is made via a ten channel rotary select switch on the front panel of each unit.

Audio subcarriers are phase locked to ensure no drift into the video signal. Audio subcarriers are only activated when a microphone is attached. Audio quality is dramatically improved by the addition of AGC on the mic inputs. You will hear a clear difference.

Choose from operation in the 1700-1850 MHz, 2200-2300 or 2400-2500 MHz bands.

The switching power supply in the VMS/L series ensures minimal heat rise of the package and requires no additional heat sinking.

Designed to operate with 9-16 VDC, the VMS/L also provides a DC power output to your camera, simplifying cabling in many installations.

Your transmitter will ship with a rubber duck antenna, power cable, video cable, programming cable, and software at no additional cost.

Features:

- User Programmable by channel
 - Video frequency
 - Two audio subcarriers from 6.0-7.5 MHz
- 10 channel select switch
- Audio subcarriers active only when mic attached
- Efficient switching power supply
 - Reduces power consumption
 - Reduces heat rise
- Stable frequency in body worn applications
- DC power loop through on Hirose connector for camera power
- Video scrambling



Specifications:

Dimensions	2.5" x 2.1" x .512" (standard)
	2.5" x 2.1" x .812" (scrambled)
Power consumption	2.50W standard
	2.75W scrambled
Power Input Voltage	External 9-16 VDC
Audio Subcarriers	Two
Controls	10 channel select rotary switch panel mounted, slide ON/OFF switch
Subcarrier Deviation	50 KHz peak
Video Frequency Response	BW1.5dB = 6 Hz - 5.0 MHz
Video Input Level	1 Vp-p Max.
Power output	250 mW min. @ nominal supply voltage, 25 Deg. C. 350 mW maximum
Operating Frequency	(VML-250) 1700-1850 MHz
	(VMS2-250) 2200-2300 MHz
	(VMS-250) 2400-2500 MHz
Output Impedance	50 ohms
Spurs and Harmonics	-50 dBC

For further information please contact:

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