

# DTC Handheld Video Transmitter

**COBHAM**

Model - HVT1-250

The most important thing we build is trust

## Handheld Video Transmitter

The Handheld Video Transmitter is the latest innovation in tactical video reconnaissance and digital video transmission from DTC. First responders will find the HVT valuable for search and rescue, assessing threats, physical security, and disaster sites. The HVT is an essential tool for fire/rescue, government, military, and law enforcement teams. Weighing less than seven pounds and completely portable, the HVT uses a Palladium digital transmitter and fits in a durable 9.8 by 9.0 by 4.8 inch package. Rechargeable Lithium batteries provide a nominal runtime of three hours with all features ON. Even longer

run-times are achieved with the illuminator LED's and laser turned OFF. The LED's are ultra-bright and efficient, providing sufficient illumination for excellent video in complete darkness. A red spotting laser provides a safe method of effectively pointing the camera without the need for a monitor.

The HVT was designed for non-line of sight and to work well from sunlight to darkness. A miniature color video camera is fitted in the center of the HVT, with dual banks of illuminator LED's in concentric circles around the camera.



Contains electrical parts which have not been evaluated as an ignition source in flammable or explosive atmospheres.

## Note to Use:

- The transmitter has 8 programmable channels.
- The HVT was specially designed for rugged use, high performance, and water resistance.
- The Camera produces high resolution color video with an auto focus lens and auto night shot.
- LED Illumination
- Spotting Laser
- Decon up to 5-1 chlorine solution.
- The HVT system weighs only 6.5 pounds and measures just 9.8 x 9.0 x 4.8 inches

## Specifications:

Video Format	NTSC or PAL
Video Compression	MPEG II
Frame Rate	NTSC-30fps
Latency (TX+RX)	54mS approx.
RF Power Output	250 mW
COFDM	400 Carriers
FEC (Selectable)	Programmable 2/3, 1/3
Dimensions	9.8" x 9.0" x 4.8"
Weight	5.5 lbs
Operating Frequency	S 1710-1850 MHz S2 2200-2300 MHz S 2400-2500 MHz
Encryption	AES-128 Bit, Optional AES-256
Operating Time	Min 3 Hours

For further information please contact:

Cobham Surveillance  
DTC Products  
486 Amherst Street.  
Nashua, New Hampshire 03063 USA  
Tel: 1-800-233-8639  
Fax: 1-603-880-6965

(MDS1920149 28MAY10)