

DTC Open Frame Diversity Video Vortex RX

COBHAM

Model - DVBR-1000

The most important thing we build is trust

Diversity Video Vortex Receiver

The DVBR-1000 Vortex™ Diversity Open Frame Video Receiver has all of the same features you'll find in the single VFR-500 Vortex but adds the increase performance of DTC's Diversity Technology inside.

Diversity receiver systems work on the principal of receiving two signals, with antennas placed apart from each other. The VideoVoter compares the incoming signals continuously, and instantly switches to the better signal, thus eliminating "drop outs" or dead spots. Our exclusive VideoVoter board automatically switches to the best signal at more than 15

thousand times each second.

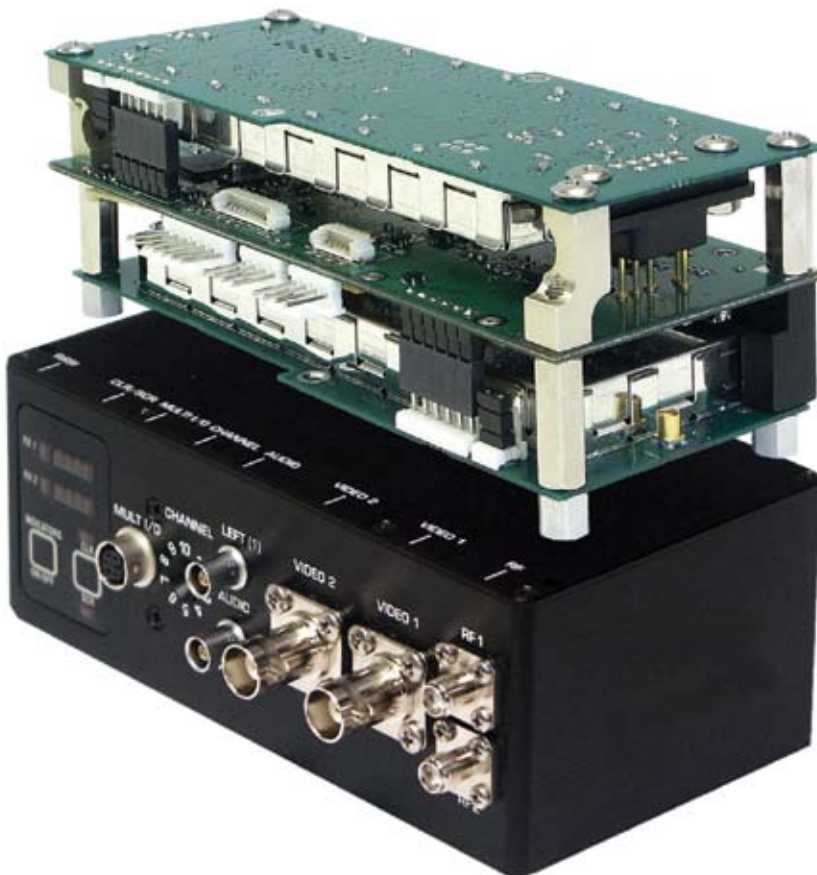
Side-by-side comparisons of single receiver systems versus DTC Diversity show dramatically improved performance in common tactical situations using our diversity technology. Even with two receivers built into this rugged aluminum enclosure, the unit measures only 2" x 3" x 5.25".

Features:

- DTC proprietary VideoVoter diversity echnology
- Open Frame board level design reduces size, weight and cost
- Two receivers with ten user programmable video channels and two audio subcarriers per channel
- Audio subcarriers may be used to receive data
- RSSI available as analog voltage or discrete value
- Locking MTA connectors for quick connect/disconnect
- Internal encryption option
- Programming software and cable included

Specifications:

Dimensions	5.0" W x 3.00" D x 2.00" H
Weight	.5 lb max
Mounting Provisions	4-40 UNC female standoffs (6X)
Tuning Step Size	10 KHz
Subcarrier Frequencies	6 – 7.5 MHz (user-programmable)
Programming	4-pin MTA
Video Frequency Response	6 Hz –5.0 MHz ±1 dB
Number of Channels	10 max. (user-programmable)
Input Impedance	50 ohms
Operating Frequency	L (1700 - 1850 MHz) S2 (2200 - 2300 MHz) S (2350 - 2500 MHz) C (4440-4990 MHz)
Output Impedance	75 ohms
Input Voltage	9 – 16 VDC



Add "ENC" to any of the above model numbers for Video Encryption

Add "ENC-AA" for Micro-AudioLock and audio subcarrier encryption

For further information please contact:

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