

PORTABLE 2 CHANNEL DIVERSITY COFDM RECEIVER



Briefcase diversity receiver

Linking video images from cameras to a mobile receiver is now simply achieved by the **Navtech Systems** COFDM digital video link system. Using the latest digital video techniques the images are transmitted to the mobile receiver for use as required.

Standard format PAL or NTSC video signals from remote cameras may be received in excess of 10 Km. The receiver utilises two channel **Maximal Ratio Combining** diversity techniques to enhance signal reception from direct and multipath signals.

Two antennas mounted in the case lid provide for ease of deployment. Power for the receiver is from an integrated V-lock Li-Ion battery, a vehicle 12 or 24 V dc or ac mains supply. The video and audio distribution is by conventional techniques ensuring simplicity of operation.

Specifications

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| ▪ Frequency bands | L, S & C bands available |
| ▪ Video input/output | Composite CVBS PAL or NTSC or SDI (optional) |
| ▪ Audio/data | 2 channel embedded encoding. |
| ▪ Encoding/Decoding | MPEG 2 - 4:2:0 (4:2:2 optional) |
| ▪ Receiver Supply | 12 or 24 V dc or Universal 95 – 250 volts ac into 12 volt dc system |
| ▪ Rx Supply Power | 18 watts dc input, 25 watts ac input |
| ▪ Mechanical Dimensions | Approx 480 x 350 x 150mm) |
| ▪ Weight | Approx 2.5 Kg |
| ▪ Antennas | 3 - 6dBi Omni antennas (x2) |



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