



TM-RX

Rugged, Battery Powered COFDM Video Receiver with High Resolution Display

The TM-RX is a fully portable digital diversity receiver, which incorporates a high resolution scratch resistant daylight viewable video screen, an antenna diversity pair and a battery.

This is all housed in a compact, lightweight IP67 rated body. The TM-RX can be powered from its mains adaptor or from the integral battery, which provides up to three hours of power and can be recharged using the charger supplied in the kit.

Customer demand for RF flexibility has led VE to make the radio channel configurable. As with previous VE hand-held receiver viewers COFDM is supported along with the additional option of using Mesh technology. A digital Mesh radio network allows encoded video to be exchanged & shared between several camera nodes simultaneously.

The on screen display provides the viewer with vital information such as the status of the RF link and battery levels in both the TM-RX and the transmitter.

A magnetic joystick and button interface allows the user to control the parameters of the device and also control camera & transmitter settings via the bi-directional telemetry option.

The preset receive channels are programmed using the supporting PC application and the lead included in the kit.

It also incorporates an adjustable screen brightness control so as to allow viewing in differing daylight levels and an ultra dim night setting for covert operations.

There is the option to record the live video stream to an integral SD memory card.

Security of the link is ensured through the use of AES128 or optional AES256 decryption.

Overview

Digital Video Receiver

Configurable Receive Method

COFDM Capable

Mesh Capable

High Resolution Display

On Screen Display

Bi-Directional Telemetry Option

Recording Storage Option

GPS Positioning Option

Headphone Jack

PC Configurable

AES128/256 Decryption

IP67 Rated

Scratch Resistant Glass

Rugged Build for Tactical Operations



Rear Connections



Removable Battery

Specifications

Screen Type	High Definition	Telemetry	Bi-Directional
Screen Size	6"	Telemetry Frequency	915MHz
Screen Resolution	1920 x 1080	RX Antennas	Dual Diversity
Screen Coating	Anti-Reflective	Alerts	Silent Vibration
Glass Type	Scratch Resistant	Configuration Interface	RS232 & TCP/IP
RF Frequency	L-Band S-Band	GPS Positioning Option	Displays TX to RX Position Delta
RF Type	COFDM COFDM Mesh	Recorder Storage Option	32GB micro SD Card
Control Interface	Waterproof Joystick & Buttons	Input Voltage	6 to 16V DC
Interface	HDMI	Battery	Lithium Ion 3.35Ah
Video Decoding	H.264	Run Time	Up to 3 Hours
Audio	G711, G726 Decoding 3.5mm Headphone Jack	Temperature	-20 to +60°C
Protocol	RTSP over TCP/UDP	Dimensions	190 x 100 x 40mm
Decryption	AES128, AES256 (Optional)	Environmental	IP67

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