



COFDM Digital Microwave Video and Audio Receiver



MIL Series COFDM Digital Video Receiver

- ❑ High Performance Digital Microwave Video and Audio Receiver
- ❑ COFDM for multipath immunity
- ❑ MPEG-2 Video
- ❑ Two audio and one data channel
- ❑ AES Digital Encryption
- ❑ Main/Aux Video Outputs
- ❑ P, L, S, and C – Band Models
- ❑ Multi-Channel Operation
- ❑ Integral LNA
- ❑ Built-in audio monitoring and headphone amplifier
- ❑ Rugged Packaging
- ❑ Intuitive Operator Interface with VFD
- ❑ Built-in Universal AC Power Supply

MIL Series COFDM Digital Microwave Video and Audio Receiver

The MIL Series brings a new level of digital performance and reliability to video and audio collection. Available in P, L, S, and C-bands, the MIL-100 provides high quality demodulation of COFDM digital video and audio signals. The integral LNA and high-selectivity IF filters guarantee reliable receiver operation in harsh RF environments. A user AES encryption key safeguards against unauthorized intercept.

Receiver parameters are controlled from the front panel user interface. Frequency selection, COFDM mode, and encryption key codes are accessible through a front panel push-buttons and an easy to read multi-line VFD. Two balanced audio outputs and one data channel are standard. Both NTSC and PAL analog output formats are supported. Built-in speakers and a headphone jack facilitate easy audio monitoring. A LAN connection allows extended remote control.

Packaged in a compact and rugged housing, the construction lends the MIL Series to applications where quick set-up with a minimum of external equipment is desired. The MIL Series receiver includes a universal AC power supply and may be operated from commercial power or batteries. Front panel connectors include a video output and dedicated A/V outputs for recording. Additional features are contained on a comprehensive rear panel 25-pin connector for quick and easy integration into any system without expensive specialized connectors.

The MIL Series digital receiver is well suited for video collection applications in surveillance, law enforcement, military UAV, RPV, UGV and MOUT, as well as airborne data/telemetry.

