

3M Electronic Monitoring offers the new Dual Comm RF Monitoring System – a multi-client-monitoring unit that is capable of monitoring up to 50 client transmitters within the monitored perimeter. The RF (E4) Receiver unit also has the capability to manage the various program schemes, event configurations, and schedules assigned to each client.

RF (E4) Receivers are dual communication units – able to communicate with the central monitoring computer via landline and/or via cellular communication. Users can specify either communication type, or can use both methods together for redundancy.

The RF (E4) Receiver unit installation is easy, simple, and quick; all one needs is to plug in the power adapter (and the phone cord when landline communication is being used). The LCD screen and buttons enable a simple, intuitive installation process, and afterwards, they enable easy status monitoring.

The unit can start tracking the offender as soon as it is installed (utilizing the default parameters).

The installation process is completed after the monitoring center's Data Communication Computer (DCC) downloads the unit's parameters (such as curfew schedule, transmitter ID, call-back phone numbers, settings, etc.) into the RF (E4) Receiver unit's memory, thereby setting the unit to active monitoring mode. The RF (E4) Receiver internally connects the backup battery and starts tracking the offender.

Main Characteristics

- ▶ Multiple offenders monitoring
- ▶ Dual communication modules (Landline and Cellular)
- ▶ 3.5" color LCD with 5 buttons
- ▶ Remote software update capabilities
- ▶ Flexible scheduling and information management
- ▶ Four-tamper transmitter support
- ▶ Two-way communication with emergency and monitoring centers (cellular version)
- ▶ Highly advanced tilt sensors and tamper alarms
- ▶ Automatic configurable monitoring range
- ▶ Encrypted communication protocol in accordance with NSA suite B
- ▶ Short messaging and GPRS communication capabilities
- ▶ Enhanced, fast installation
- ▶ Event capturing even when transmitter is out of receiver range

Physical Characteristics

Dimensions	H=90mm	H=3.5433 in
	L=285mm	L=11.2205 in
	W=185mm	W = 7.2835 in
Weight	1210 g*	2.667 lbs*
	* excluding external power adapter and cables	
Power Supply	The 3M™ Dual Comm RF Monitoring Receiver is powered by an external power adapter, which converts the mains 110VAC into a 12VDC 1A supply current.	
LCD	3.5 Color	
	Resolution: 320 x 240	
	White LED Backlight	

Main Features

- ▶ Monitoring multiple transmitters
- ▶ The 3M™ Dual Comm RF Monitoring Receiver is capable of receiving transmissions from any 3M Electronic Monitoring transmitter. It's ability to communicate with all types of 3M transmitter enables maximum equipment handling flexibility. The 3M™ Dual Comm RF Monitoring receiver can store up to 50 offender curfew schedules, and concurrently monitor up to 50 offenders. The basic unit is supplied with a software license for monitoring 1 offender; additional monitored offenders are supported depending on the license purchased.



3.5" color LCD with 5 buttons

The 3M™ Dual Comm RF Monitoring Receiver is equipped with a 3.5" color LCD and 5 buttons. The LCD screen and the buttons are used to display and interact with the Receiver unit's User Interface, which includes:

- ▶ Displaying date and time (synchronized to each offender's schedule)
- ▶ Displaying status information (such as cellular reception indications)
- ▶ Displaying error reports
- ▶ Displaying various configuration options as part of the officers' configuration screens (which are password protected, and can optionally be totally disabled remotely to ensure absolute security)