



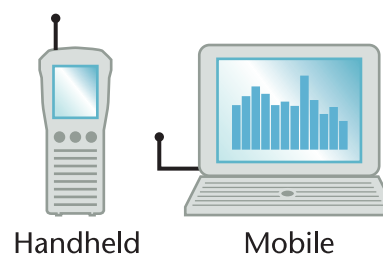
R2m Mobile Radio Transceiver

The R2m Mobile Radio Transceiver and PC-R2 PC-card Transceiver are high performance, two-way RF links between the G2 AMR software and M2/M1B endpoint radios.



Mobile Transceiver Features

- High-performance two-way Spread Spectrum-type RF transmission and reception
- R2m: Small, lightweight design for simple vehicle mounting and transportation
- R2m: Flexible connection options for laptop AMR system – USB & WiFi
- PC-R2m: PC-card (type-II slot) format compatible with laptops and handheld computers
- Flexible sensitivity and filtering settings to handle virtually any real-world RF environment
- Built-in power protection circuitry to prevent damage and brownouts from vehicle power sources



Radio Compatibility

- Compatible with all Transparent Technologies radio endpoints
- Compatible with RAMAR TranspondITs



Specifications

Frequency:	900 Mhz ISM band
FCC compliance:	Part 15.247 (unlicensed)
Temperature:	-40°F to 158°F (-40°C to +70°C)
Humidity:	95%, Non-condensing

- **R2m Specs:**

Power:	12 Vdc supply (@1.0 A)
Dimensions:	3.1W x 1.7H x 6.7L inches 78W x 44H x 169L mm
Weight:	0.90 lb (0.52 kg)
Antenna :	7.5db gain Whip Dipole
Antenna Connection:	RP-TNC
Power Connection:	Fused DC-power plug
- **PC-R2 Specs:**

Connection:	Type-II PCMCIA
Antenna:	PCB-1/4 Wave or Whip Dipole
Antenna Connection:	MMCX

Functions

- Streaming data reception and transfer for high-performance meter reading
- Extensive command set for two-way radio endpoint configuration, diagnostics and datalogging
- Command storage for intelligent field radio interaction
- Extensive error detection and correction algorithms
- Dynamic bandwidth, frequency and sensitivity settings for field flexibility
- Interactive verification for two-way RF configuration commands for positive confirmation of changes