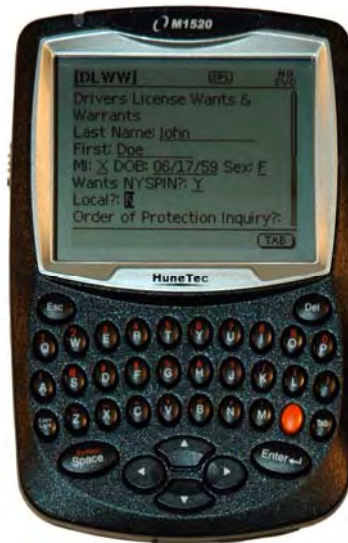


M1520



Mobile Data, Messaging, and Alerting.

The *M1520* and the *SPARKGAP* wireless data system provide secure, encrypted access to agency mobile data systems, and, at 4.3oz, the *M1520* fits nicely into a shirt pocket or belt clip. This *personal* mobile data terminal augments vehicle-based systems, allowing officers to check licenses, warrants, and perform other mobile data functions while away from their vehicle. It also serves mounted and bicycle units, undercover officers, healthcare professionals, as well as fire and EMS personnel.

The *M1520* also performs other communications functions – it sends and receives email messages, and it can receive personal and group alerts. It supports one personal address and up to 16 group addresses each with its own alerting options, and it maintains a high-performance socket interface directly to dispatch. Additionally, the *M1520* can roam onto compliant carrier networks and neighboring public safety systems, extending coverage and delivering real-world interoperability.

M1520

M1520 Mobile Data Terminal Specifications

Format

- Motorola ReFLEX™ v2.7.4
- 800-9600 Baud

Transmitter

- Frequency Range: 892~902MHz
- Frequency Stability: 0.5PPM
- Emissions: FCC Part 90, 24D
- Power: 1W Into Antenna, Typical

Physical

- Size: 4.13" x 2.75" x 0.7"
- Weight: 4.23 Ounces
- Battery: Rechargeable 700mAh Li-Ion
- Material: ABS-94VO
- Operating Temp: -10°C - +50°C

Messaging Capabilities

- Full QWERTY Keyboard
- Send/Receive E-Mail
- Receive Personal and Group Alert
- Acknowledge/Reply-To Personal and Group Alert
- Custom Mobile Data Forms Package

Encryption

- 128-bit AES (FIPS-197)
- Over-the-Air Re-Keying (OTAR)

Receiver

- Frequency Range: 929~942MHz
- Image Rejection: 40 dBc, typical
- 1MHz Blocking: 80dBc, typical

Ordering Information	
Part Number	Description
CRS-1520	M1520 Mobile Data Terminal
CRS-1520-PC	Programming Cable
CRS-1520-Bat	Replacement Battery



Critical Response Systems, Inc. · 1670 Oakbrook Drive, Suite 370 · Norcross, GA 30093-1849
www.criticalresponse.com