



FP-200HH TDMA ASTM v6 Dual Frequency Handheld Reader

Features

- Fully interoperable with current industry standard TDMA Readers and Transponders, and Telematics Wireless's electronic seals
- Advanced design and functionality
- 14 mw output power at 915 MHz and 1 mw at 2.44 GHz
- Low power consumption allows for full working day between recharges
- Compatible with Telematics Wireless's FP-100SA and FP-200SA electronic seals
- Rugged, sealed, weather-proof enclosure
- Ergonomic design for comfortable operation by user in the field
- Stand alone unit with built in Host PDA:
 - Large and easily readable color display
 - Windows operating system
 - Large non-volatile memory for operational parameters
 - Data logging
 - Standard PC synchronization

The Telematics Wireless FP-200HH TDMA Handheld Reader is a unique and truly portable dual frequency ASTM reader.

The FP-200HH's small size, low power consumption and standard PDA human interface make it an ideal solution for Yard operations and law enforcement in Electronic Toll Collection systems, Weigh station bypass systems, Border Crossing systems and Port access and gate control applications. The Handheld Reader features a PDA for better displays and standard system interface allowing for easy programming of, and data communication with Telematics Wireless FP-100SA legacy electronic seals and FP-200SAIN and FP-200SAEX dual frequency electronic seals. The Reader is fully compatible with the ASTM v6 Slotted-Aloha Time Division Multiple Access (TDMA) protocol and so is interoperable with all current ASTM v6 Transponders.

Reader Characteristics

- Slotted Aloha protocol - compatible with ASTM v6
- Transmit and receive data rate of 500 Kbps, Manchester encoded
- Dual frequency operation, at 915 MHz or 2.44 GHz. (Frequency of operation is 2.44 GHz. The operator can select 915 MHz to communicate with Telematics Wireless legacy, 915 MHz seals). Frequency of operation is factory-set to 915 MHz and 2.44 GHz ISM bands.
- Modulation: OOK (On Off Keying) at 915 MHz and DSSS (Direct Sequence Spread Spectrum) at 2.44 GHz.
- PDA (iPAQ) standard interfaces (hardware and software)
- Small size: L8.5" x W3.6" x D2.4" (215.9 x 91.4 x 61.0 mm)
- Weight: 1 lb 9 oz. (0.7Kg.)
- FCC approved


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