XT-Mini Reader
Long-Range RFID UHF Reader

KEY FEATURES:

- Small, robust design
- Competitive price point
- Consistent read-range up to 10 ft*
- Operates with EPC Gen 2 Tags
- 3 inputs with contact relay output
- IP66 – no additional weather housing required
- LED and buzzer indicators
- RS232, RS485, and Wiegand interfaces

The XT-Mini "all-in-one" RFID UHF Reader, with an integrated circular, polarized antenna and controller, is prepared for outdoor use in all weather conditions. It is ideal for integration with an existing access control system, especially in demanding environments that require a more cost effective Reader and Tag solution.

Reader settings can be configured via the easy-to-use web interface, either locally or remotely.

Long-Range Identification

A long-range passive UHF Tag can be identified at up to 10 ft* using the XT-Mini Reader. The UHF Tags used are battery and maintenance-free, allowing for quick, hands-free access. UHF Tags are customizable upon request to meet customer specifications.

LED & Buzzer Indication Control

The built-in high intensity red and green LED's provide the user visual feedback that a Tag has been read. The LED and buzzer indicators offer a better definition of the read lobe, enabling quick and easy installation and configuration.

Easy Integration

All of TagMaster's systems support an extensive variety of industry standard interfaces. The XT-Mini easily integrates with existing access control solutions via RS232, RS485, or Wiegand. The "easy configuration" feature allows for quick integration with common control systems, minimizing installation time.

Applications

The XT-Mini Reader is designed for long-range applications such as:

- Gated communities
- University and hospital parking
- Commercial and corporate parking areas
- Long-range personnel access control

Part No. Information

XT-Mini	152400
Ceiling Mounting Kit	S1902
Universal Mounting Kit	S1936
Multi-purpose Cable	S1915

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SPECIFICATIONS

Technical Information Part No. 152400	XT-Mini
Read range	Up to 10 ft with NA-series UHF Tags*
Operating Frequency	902 to 928 MHz
Operating Temperature	-40°F (-40°C) to +140°F (+60°C)
Dimensions	10.4 in x 6.1 in x 2.4 in
Weight	1.8 lbs
Housing	UL94 certified plastic XENOY™ cover with Aluminum housing
Protection	IP66 – no additional weather housing required
Power Supply	24 VDC 1 AMP
Power Consumption	10W (max 12W)
Relay / Output / Input	3 isolated inputs with contact relay output
Required Cable	RS232, RS485, 26 bit Wiegand interfaces, and Power in one; 25 ft, Cat5e 350 MHz, Nylon Rip Cord, Product No. S1915
Cable Conductor	18/2 AWG for Power 22/2 AWG + GND for Interfaces
Range Detection	LED and Buzzer indicators
Optional Mounting Accessories	S1902 Ceiling Mounting Kit S1936 Universal Mounting Kit
Antenna	Circular, polarized
Interfaces	RS232, RS485, 26 bit Wiegand
Certificates & Standards	CE Certificate according to R&TTE Directive 1999/5/EC; FCC: M39XTXX; Safety: EN 60950-1, EN 60950-22; EMC: EN 301 489-1, EN 301 489-3 (2000); EPC Gen 2 (ISO 18000-63)

*Depends on Reader mount & settings, Tag type

The information in this document is subject to change without prior notice.