

XT-5 Reader

Long-Range RFID UHF Reader



The XT-5 'all-in-one' RFID UHF Reader by TagMaster, with an integrated circular, polarized antenna and controller, is prepared for outdoor use in all weather conditions. It is ideal for applications in demanding environments that require a more cost effective Reader and vehicle ID tag solution. Built around a standard Linux operating system, this Reader allows for in-house customization to specific project needs.

Reader settings can be configured via the easy-to-use web interface, either locally or remotely. Its built-in controller enables product integration, including cameras, barriers, and inductive loop detectors. A long range passive UHF Tag can be identified up to 30* feet using the XT-5 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 LEDs with selectable color readout 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.

KEY FEATURES

- Consistent read-range up to 30 feet*
- Robust and weatherproof design, IP66
- Isolated I/O ports and integrated controller
- PoE+ connectivity
- Switchable antenna polarization: vertical, horizontal or circular
- Bright LED and buzzer indicators
- Optional antenna expansion capability
- Squelching for close Reader operations

Fleet Applications

- Fuel dispensers
- EV chargers
- Secure parking areas
- Maintenance bays
- Vehicle/car wash

i *The TagMaster Reader and ID solution is fully integrated with Ward's Automated Fuel Management system for secure automated access to fuel dispensers and EV chargers.*

XT-5 Specifications

Read range	Up to 30 ft with NA-series UHF Tags*
Operating Frequency	902 to 928 MHz
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
Dimensions	11.8 x 11.8 x 2.4 in (300 x 300 x 61 mm)
Weight	5.1 lbs
Housing	UL94 certified plastic XENOY™ cover with aluminum housing
Protection	IP66 – no additional weather housing required
Power Supply	PoE+ / 24 VDC 1 AMP
Power Consumption/Power Output	8.8W (max 15W)
Range Detection	LED and Buzzer indicators
Optional Mounting Accessories	Ceiling Mounting Kit, Universal Mounting Kit
Antenna	Circular, polarized
Additional Functionality	Squelching
Interfaces	Ethernet (TCP/IP)
Certificates & Standards	CE Certificate according to R&TTE Directive 1999/5/EC; FCC: Part 15 subpart B; RoHS Directive 2002/95/EC; Safety: EN 60950-1; EMC: EN 301 489-1, EN 301 489-3 (2000); EPC Gen 2 (ISO 18000-6C); Radio: EN 302 208-2

* Depends on Reader mount & settings, Tag type
Specifications are subject to change without notice.

Contact

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