

XT-5

All-in -One Reader

Long-Range RFID UHF Tag



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.

Fleet Applications

The CT-45 camera is optimized for multi-ranged LPR applications such as:

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

KEY FEATURES

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

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.

TagMaster
North America, Inc.

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 type and settings.

 Specifications are subject to change without notice.



Contact

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