

# TagMaster

## Product Overview



**Access<sup>UHF</sup>**

Identification solutions for access applications using UHF

# TagMaster UHF readers



## XT-3eu

Part No. 153100

The XT-3eu Reader is specified according to EU regulations and is an integrated controller and antenna in one single unit. It is based on TagMaster GEN4 platform, with UHF RF modules supporting EPC Gen 2 (ISO 18000-6C) and SecureMarkID™.

**Dimensions:** 300x300x60mm / (11,8x11,8x2,4in)

**Encapsulation:** IP 65

**Interfaces:** Ethernet TCP/IP, RS232, RS485, I/O, Relay

**Operating voltage:** 10 to 30 VDC

**Operating frequencies:** 865–868 MHz

**External antenna:** Yes 1

## XT-3us

Part No. 453200

This version of the XT-3 Reader is specified according to US regulations. It is an integrated controller and antenna in one single unit. It is based on TagMaster GEN4 platform, with UHF RF modules supporting EPC Gen 2 (ISO 18000-6C) and SecureMarkID™.

**Dimensions:** 300x300x60mm / (11,8x11,8x2,4in)

**Encapsulation:** IP 65

**Interfaces:** Ethernet TCP/IP, RS232, RS485, I/O, Relay

**Operating voltage:** 10 to 30 VDC

**Operating frequencies:** 902–928 MHz

**External antenna:** Yes 1

## External XT-3eu/us Antenna

Part No. 163100/163200

The XT-3 Reader has an optional antenna expansion capability. It is supported by the two models XT-3eu for European and XT-3us for US regulations.

**Dimensions:** 300x300x60mm / (11,8x11,8x2,4in)

**Encapsulation:** IP 65

**Interfaces:** RP-TNC

## Future proof reader platform

All readers in the XT-series are built upon a standard Linux operating system and have an open development platform. The readers support several standard interfaces, including Ethernet (TCP/IP), RS232, RS485 and Wiegand/Mag-stripe. The reader can be configured and controlled via the Ethernet or serial interfaces, either locally or remotely via an Internet connection. TagMaster offers a set of reader applications for easy integration.

### PassMan

Part. No. 612740

This application enables integration of one or more readers into an existing access control system, using Wiegand or Mag-stripe communication protocols. The reader can also connect to a host computer, using other protocols. Tag-reads are sent out immediately to the host computer, without prior alert or poll. A loop detector can be connected to enable the reader only when a vehicle is present.

### WatchMan

Part. No. 612741

This application is suited for identification systems where the readers are managed from a host computer that handles customized functionality. The tag-reads made by the reader are collected by the host computer, using a polling procedure.

### WiseMan

Part. No. 612742

This application enables the reader to be used in a stand-alone mode. The built-in database makes it suitable for identification systems, requiring a reader with both information storage and decision making capabilities.

### TAGP

The TAGP protocol is used when none of the above specified applications are installed in the reader. TAGP enables communication with the reader and the access to its functionality via the Ethernet connection.

### Software Development Kit (SDK)

As an option the TagMaster Software Development Kit (SDK) contains the necessary tools required by system integrators to develop their own reader applications.

# TagMaster UHF ID-tags

## TagMaster SecureMarkID™

SecureMarkID™ is an encryption solution created by TagMaster that will ensure that each tag has a unique identity that can not be copied or duplicated.

No other EPC Gen 2 tag, regardless of tag supplier, will have the same identity or even the same coincidental data content. The identity is fully compatible with existing software for TagMaster readers.

For programming of other EPC Gen 2 ID-tags, please contact TagMaster for more information: [sales@tagmaster.com](mailto:sales@tagmaster.com)

### Windshield ID-tag

part no 221000



An adhesive R/O ID-tag for permanent windshield attachment; supports SecureMarkID™ and

Barcode 128C for alternative identification. When attached to the inside of a vehicle windshield, the Windshield ID-tag has a read range up to 5 meters.

### ISO Card ID-tag

part no 225000



A credit card sized R/O ID-tag suitable for solutions where long range identification is requested. The ISO Card ID-tag can be read from both sides with a printable front and a barcode at the back. Read range up to 4 meters. This card can be issued with other RFID technologies combined in one card. Please contact us for more information.

## Accessories

### Universal Mounting Kit

Part No. 193600



The XT-3 Mounting Kit includes brackets for both pole and wall (flat surface) mounting of the XT-3 reader. The mounting kit is suitable for indoor and outdoor use.

### Antenna Cable

Part No. 196025/196050



A robust Antenna Cable carefully optimized for connection to XT-3 reader with the External Antenna. **Length:** 2.5 and 5 meters.

### WinFix Classic

Part No. 195100



WinFix™ Classic is a transparent holder used for mounting ID-tags to the inside of windscreens.

### Software Development Kit (SDK)

Part No. 174000



The SDK GEN4 is a Linux development environment that is used for developing customised Reader software applications for TagMaster RFID readers.



## TagMaster Company Overview

TagMaster designs, manufactures and markets advanced long range radio frequency identification (RFID) systems and information services associated with automatic vehicle identification, rail bound transportation and people access, in order to increase efficiency, security, convenience and to decrease environmental impact. TagMaster exports via a global network of partners, systems integrators and distributors.

TagMaster is the world leader in our field, with the most highly developed technology available for long-range vehicle access applications. Our Generation 4 platform incorporates the very latest innovations in RFID technology, ensuring best of breed performance, with low total cost of ownership. With a range of connectivity options, TagMaster is designed to easily plug into your existing infrastructure, and it is simple to set up. Furthermore, servicing requirements are negligible and reliability is second to none.

