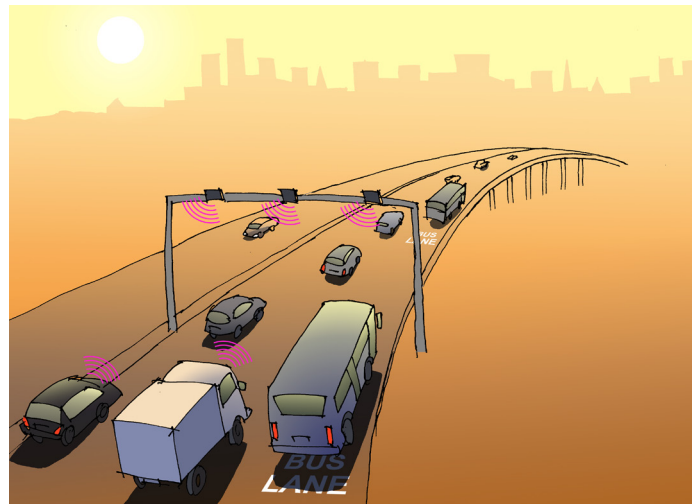# TagMaster

XT-3 UHF Reader

Automatic Vehicle Identification

Key features

- Long read range, 8 metres (26ft)
- Easy-to-use and install. Managed with us-friendly web interface
- Ethernet, RS232, RS485 and Wiegand/Magstripe interfaces
- Supports EPC Gen 2 and TagMaster Secure MarkID™
- Weatherproof design, IP 66
- Optional antenna expansion capability
- Bright LED and buzzer indicators

The TagMaster XT-3 is a UHF reader optimised for long-range vehicle access

The XT-3 Reader is fully compliant with the EPC Gen 2 (ISO 18000-6C) standard and reads any passive ID-tags compliant with this standard. With its "all-in-one" design including integrated antenna, the XT-3 is certified for outdoor use and is easy to use and easy to install. The XT-3 also supports one additional external antenna providing the configuration flexibility needed to suit a wide range of installations.

TagMaster has designed the XT-3 around a Linux operating system, which provides powerful processing capabilities within the reader. This offers maximum flexibility in terms of application integration and access to the built-in Ethernet (TCP/IP), RS232, RS485 and Wiegand/Magstripe interfaces.

The XT-3 supports TagMaster's existing reader application software as well as allowing customised reader application development using TagMaster Software Development Kit.

EPC Gen 2 standard

The XT-3 is fully compliant with the EPC Gen 2 (ISO 18000-6C) standard and reads all passive ID-tags compliant with this standard.

The XT-3 Reader includes TagMaster's SecureMarkID ID-Tag format, which is developed to ensure that each UHF ID-tag has a unique identity which is difficult to duplicate. The XT-3 combined with our SecureMarkID ID-Tags provides a higher level of security.

The XT-3 reader can be combined with an external Antenna for a cost effective access solution. You will find more information in TagMaster DuoPass product sheet.

Part No. information:

XT-3 reader, EU	153100
XT-3 reader, US, Americas	153200
Universal Mounting Kit	193600
External antenna incl led indicator	163100/163200

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TagMaster

XT-3 UHF Reader

Reader specification

EPC Gen 2 UHF

Operating frequencies	Area 1: 865.6-867.6 MHz Europe Area 2: 902-928 MHz US, Americas
Read range	Area 1: up to 8 meters* (26 ft). Area 2: up to 9 meters* (29 ft), with TagMaster UHF tags with SecureMarkID.
Protection	IP 66
Housing	Aluminum housing UL94 certified plastic XENOY™ cover
Operating temperature	-40 °C (-40 °F) to +60 °C (+140 °F)
Output power	EU: 2W** (e.r.p). US: 4W (e.i.r.p)
Power supply	10 to 30 VDC
Power consumption	8.8W (max 15W)
Input	3 isolated inputs
Output	2 isolated outputs
Relay	1 relay output, 60VDC, 2A
Interfaces	RS232, RS485, Wiegand/Magstripe, Ethernet
Weight	2.3kg (5.1 Ibs)
Dimensions	300x300x60 mm /(11.8x11.8x2.4 in)
LED indicator	Red/Green/Yellow
Communication protocols	TAGP and various OEM protocols. More information in TagMaster manuals
Encrypted air interface	According to EPC Gen 2 (ISO 18000-6C)
EMC	EN 301489-1, EN301489-3
Certificates	CE Certificate according to R&TTE-Directive 1999/5/EC and FCC
Standards	EPC Gen 2 (ISO 18000-6C)
Safety	En 60950-1
Manuals and documentations	Installation Manual & Data sheet XT-3 reader
Part No.	Area 1: 153100. Area 2: 153200

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