

XT-1 UHF Reader

DATASHEET

Automatic Vehicle Identification



KEY FEATURES

- ▶ Easy-to-use and install
- ▶ Attractive price/performance
- ▶ Robust and weatherproof design, IP66
- ▶ Read range up to 8 metres (26 ft)
- ▶ Operates with passive UHF tags

The XT-1 Reader is designed and optimised for Access and Parking applications:

- ▶ Commercial & Employee Parking
- ▶ Residential Areas
- ▶ Industrial Areas

A technical innovation

The TagMaster XT-1 Reader is designed with a unique combination of high quality components and a competitive price, which makes the XT-1 the most innovative reader in the market.

The XT-1 can be integrated into your existing access control and facility management software, to create a total solution designed to meet your unique needs.

Cost effective installation

The XT-1 is an "All in One" reader with integrated antenna which makes it easy and quick to install.

The built in Ethernet switch makes it easy to connect multiple readers which makes it possible to use software for multi-lane analysis and antipass-back functionality. The XT-1 has extensive varieties of interfaces, besides Ethernet; RS232, RS485 and Wiegand/Magstripe.

The XT-1 has quick configuration for the most common access control systems.

The unique DNA of TagMaster products is characterized of long read range, long product life time and low cost of use. Its weatherproof design, with IP66 rating, ensures that the reader is an excellent choice for outdoor use as well as for indoor use.

RAIN compliant

The TagMaster XT-1 is fully compliant with RAIN. The XT-1 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-1 combined with our SecureMarkID ID-Tags provides a higher level of security.

PART NO. INFORMATION	DESCRIPTION
152500	XT-1 eu, Reader
152600	XT-1 us, Reader
193600	Universal Mounting Kit
612995	SKIDATA BLL4 Option

TagMaster

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www.tagmaster.com

sales@tagmaster.com

TECHNICAL INFORMATION

Operating frequencies	: : XT-1 eu: : 865.6-867.6 MHz, Europe : 865.0-867.0 MHz, India : 866.0-867.6 MHz, Russian Federation : XT-1 us: : 902.0-928.0 MHz, Unites States, Americas : 920.0-926.0 MHz , Australia : 920.5-924.5 MHz, China : 919.0-923.0 MHz, Malaysia : 921.5-928.0 MHz, New Zealand : 920.0-925.0 MHz, Singapore
Read range	: Up to 8 meters (26 ft.) with TagMaster Windshield tag depending on vehicle type and installation conditions
Dimensions	: 300 x 300 x 60 mm (11.8 x 11.8 x 2.4 inch)
Weight	: 2.3 kg (5.1 lbs)
Protection	: IP66
Operating temperature	: -40°C (-40°F) to +60°C (+140°F)
Housing	: Aluminum housing UL94 certified plastic XENOY™ cover
Power supply	: 12-24 VDC
Power consumption	: 10 W (max 12 W)
Output power	: EU: 2 W (e.r.p). US: 4 W (e.i.r.p)
Input	: 3 isolated inputs
Output	: 3 isolated outputs shared with Wiegand/Magstripe
Relay	: 1 relay output, 60 VDC, 2 A
Interfaces	: RS232, RS485, Wiegand/Magstripe, 2 pcs Ethernet and USB service interface
Certificates	: CE Certificate according to R&TTE-Directive 1999/5/EC and FCC
Standard	: RAIN (EPC Gen2 ISO 18000-63)
LED indicator	: Red/Green/Yellow
Communication protocols	: TAGP, OSDP and various OEM protocols. More information in TagMaster manuals
Encrypted air interface	: According to RAIN
EMC	: EN 301489-1, EN 301489-3
Safety	: EN 60950-1, EN 60950-22
Manuals and documentation	XT Series Reader Manual



Due to TagMaster's continuous effort to develop the products in response to customer needs, the above specifications are subject to change.