

# XT-1 UHF Reader

DATA SHEET

## Automatic Vehicle Identification



### 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.

## 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 has quick configuration for the most common access control systems. You will find more information in the Easy configuration list, 14-102.

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

XT-1 UHF Reader, eu	152500
XT-1 UHF Reader, us	152600
Universal Mounting Kit	193600
SKIDATA BLL4 Option	612995

## TECHNICAL INFORMATION

<b>Operating frequencies</b>	<b>XT-1 eu:</b> 865.6-867.6 MHz, Europe 865.0-867.0 MHz, India  <b>XT-1 us:</b> 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
<b>Read range</b>	Up to 8 metres (26 ft) with TagMaster UHF tags with SecureMarkID
<b>Dimensions</b>	300 x 300 x 60 mm (11.8 x 11.8 x 2.4 inch)
<b>Weight</b>	2.3 kg (5.1 lbs)
<b>Protection</b>	IP66
<b>Operating temperature</b>	-40°C (-40°F) to +60°C (+140°F)
<b>Housing</b>	Aluminum housing UL94 certified plastic XENOY™ cover
<b>Power supply</b>	12-24 VDC supply
<b>Power consumption</b>	10 W (max 12 W)
<b>Output power</b>	EU: 2 W (e.r.p). US: 4 W (e.i.r.p)
<b>Input</b>	3 isolated inputs
<b>Output</b>	3 isolated outputs shared with Wiegand/Magstripe
<b>Relay</b>	1 relay output, 60 VDC, 2 A
<b>Interfaces</b>	RS232, RS485, Wiegand/Magstripe, 2 pcs Ethernet and USB service interface
<b>Certificates</b>	CE Certificate according to R&TTE-Directive 1999/5/EC and FCC
<b>Standard</b>	RAIN (EPC Gen2 ISO 18000-63) 
<b>LED indicator</b>	Red/Green/Yellow
<b>Communication protocols</b>	TAGP and various OEM protocols. More information in TagMaster manuals
<b>Encrypted air interface</b>	According to RAIN
<b>EMC</b>	EN 301489-1, EN 301489-3
<b>Safety</b>	EN 60950-1, EN 60950-22
<b>Manuals and documentation</b>	Installation Manual