

XT Mini UHF Reader

DATA SHEET

Automatic Vehicle Identification



A technical innovation

The XT Mini Reader is designed and optimized for access control applications. It offers long range extension to access control systems and is intended for pole mounting close to the vehicle lane.

The Reader has a small physical size and comes with an integrated circular polarized antenna providing special antenna read-lobe features. The XT Mini Reader is designed with a unique combination of high quality components and a highly integrated architecture to give a competitive price. The Reader also comes with a built in access controller making the XT Mini the most innovative Reader in the market.

The unique DNA of TagMaster products is characterized by long read range, long product life time, extremely high reliability and low cost of ownership. Its weatherproof design with IP66 rating ensures that the Reader is the excellent choice for outdoor use.

Cost effective installation

The XT Mini can be integrated into an access control system with a minimum of installation and configuration.

The Reader will typically use Wiegand/Magstripe for integration and also RS-232, RS-485 and Ethernet interfaces

KEY FEATURES

- ▶ Long range extension to access control systems
- ▶ Circular polarized antenna with small physical size
- ▶ Easy to install and configure
- ▶ Robust and weatherproof design
- ▶ Extremely reliable operation

are available. The XT Mini supports the OSDP protocol. Support of the SKIDATA BLL4 protocol can be offered as an option.

The XT Mini has an 'Easy Configuration'-feature supporting the most common access control systems, limiting the configuration time to only a few seconds.

The product can also operate stand-alone with external equipment connected directly to the internal relay.

RAIN compliant

The XT Mini is fully compliant with RAIN. It is recommended to use XT Mini together with TagMaster SecureMarkID® tags for maximum security and convenience.

PART NO. INFORMATION

XT Mini UHF Reader, eu	152300
XT Mini UHF Reader, us	152400
Universal Mounting Kit	193600
SKIDATA BLL4 Option	612995

TagMaster

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TECHNICAL INFORMATION

Operating frequencies	XT Mini UHF Reader, eu 865.6–867.6 MHz, Europe 865.0–867.0 MHz, India 866.0–867.6 MHz, Russian Federation XT Mini UHF Reader, us 902.0–928.0 MHz, United 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 3 meters (10 ft.) with TagMaster Windshield tag depending on vehicle type and installation conditions
Dimensions	261 x 152 x 55 mm (10.3 x 6.0 x 2.2 inch)
Weight	0.8 kg (1.8 lbs)
Protection	IP66
Operating temperature	-40°C (-40°F) to +60°C (+140°F)
Housing	UL94 certified plastic XENOY™
Power supply	12–24 VDC supply
Power consumption	4 W (max 5 W)
Output power	<500 mW (e.r.p)
Input	3 isolated inputs
Output	3 isolated outputs shared with Wiegand/Magstripe
Relay	1 relay output, 60 VDC, 2 A
Interfaces	Wiegand/Magstripe, RS232, RS485, 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