

Automatic Vehicle Identification



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

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

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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, 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 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 XENYO™
Power supply	: 12–24 VDC
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

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