



XT-3 Reader

EPC Gen 2 UHF



The TagMaster XT-3 Reader is a full functionality long range EPC Gen 2 (ISO 18000-6C) reader for hands-free identification. This reader is primarily designed for people access and vehicle access installations where long range identification in combination with high volume of ID-tags is required.

The all-in-one integrated XT-3 Reader is easy-to-use, easy-to-install and made for outdoor use, with the option to add an additional external antenna, therefore providing the configuration flexibility needed to suit a wide range of installations.

TagMaster has designed the XT-3 around its GEN4 Linux operating system, which provides powerful processing capabilities within the reader and maximum flexibility in terms of application integration supporting, TCP/IP, RS232, RS485 and Wiegand/Magstripe. The XT-3 supports TagMaster's existing reader application software, as well as allowing customised reader application development using TagMaster's open source Software Development Kit.

The XT-3 Reader also supports the TagMaster SecureMarkID™ acquisition system developed to ensure that each ID-tag has a truly unique identity impossible to duplicate. The XT-3 Reader can be equipped with all TagMaster reader application software providing suitable functionality.

Key features

- Built in antenna supporting EPC Gen 2 and TagMaster Secure MarkID™
- Optional antenna expansion capability
- Easy-to-use and install. Managed with user friendly web interface
- User-programmable with TagMaster SDK
- Ethernet, RS232, RS485 and Wiegand/Mag-stripe interfaces
- Two models: XT-3eu for European and XT-3us for US regulations

Technical information: XT-3 Reader

Reading range	EU: Up to 5 meters* (16 ft) and US: Up to 6 meters* (20 ft)
Writing range	EU: Up to 4 meters* (13 ft) and US: Up to 5 meters* (16 ft)
Operating frequencies	EU: 865.6 – 867.6 MHz and US: 902 – 928 MHz
Dimensions	300 x 300 x 60 mm / (11.8 x 11.8 x 2.4 in)
Weight	2.3 kg (5.1 lbs)
Output power	EU: 2W** (e.i.r.p.) and US: 4W (e.i.r.p)
Power supply	10 to 30 VDC
Power consumption	8.8 W (max 15 W)
Memory: Flash/RAM	16 MB /32 MB
Operating temperature	-30 °C (-22 °F) to +60 °C (+140 °F)
Encapsulation	IP 65
Mounting	193600 Universal Mounting Kit
Certificates	CE Certificate according to R&TTE-Directive 1999/5/EC and FCC

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* DEPENDS ON TAG-MODEL AND PHYSICAL ENVIRONMENT ** 3W (E.I.R.P.).