LR-6XL Reader

DATA SHEET

The LR-6XL is a 2.45 GHz RFID reader with a read-range of up to 14 metres.

KEY FEATURES

▶ Read-range up to 14 metres
▶ Robust and weatherproof design, IP66
▶ Integrated controller
▶ Ethernet, RS232, RS485 and Wiegand/Magstripe interfaces
▶ Bright LED and buzzer indicators
▶ Licence-free worldwide

The LR-6XL Reader is optimised for Traffic and Access applications:

▶ Traffic Management
▶ Access Control
▶ Security Applications

The TagMaster LR-6 XL RFID Reader is ideal for applications with large vehicles and wide gates, where really long reading range is required. With it´s "all-in-one" design, including integraded antenna, the LR-6 XL is certified for outdoor use and is easy to install and easy to use.

High quality products
The built-in controller makes it possible to integrate the LR-6XL reader with other products like cameras, barriers, inductive loop detectors etc. The LR-6XL is built around a standard Linux operating system and has an open development platform. This enables integrators to develop and implement new applications for the LR-6XL Reader using the TagMaster Software Development Kit.

Supports several interfaces
The Reader can be configured and controlled via the Ethernet interface, either locally or remotely via an Internet connection. The LR-6XL supports several standard interfaces including Ethernet (TCP/IP), RS232, RS485 and Wiegand, Magstripe. The Reader also has frequency hopping (FHSS).

PART NO. INFORMATION

LR-6XL Reader	154900
Universal Mounting Kit	193600
TagMaster SDK	174000

TagMaster CitySync

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Operating frequency	CW: 2.435 to 2.465 GHz, FHSS: 2.400 to 2.484 GHz
Read range	Up to 14 metres* (46 ft)
Write range	Up to 0.25 metres (0.8 ft)
Dimensions	290 x 165 x 55 mm (11.4 x 6.5 x 2.2 inch)
Weight	1.0 kg (2.2 lbs)
Protection	IP66
Operating temperature	-40°C (-40°F) to +70°C (+158°F)
Housing	UL94 certified plastic XENOY housing and cover
Output power	75 mW e.i.r.p**
Power supply	10 to 30 VDC supply
Power consumption	5 W (max 15 W)
Controller	180 MHz ARM902T CPU, 32MB RAM, 16MB Flash, Linux operating system
Interfaces	RS232, RS485, Wiegand/Magstripe, Ethernet (TCP/IP)
Certificates	CE Certificate according to R&TTE-Directive 1999/5/EC, FCC M39LRXX, UL Listed E345040

* Read range depends on type of ID-tag and reader settings.
** Permissible subject to local regulations.

TYPE OF ID-TAG	READING RANGE IN METRES AND (FT)
MarkTag Classic	10 (33)
ScriptTag Classic	10 (33)
MarkTag MeM	14 (46)
MarkTag MaX tpe	14 (46)
MarkTag Outdoor	10 (33)

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