



LR-6 Reader

The TagMaster LR-6 is a RFID Reader optimised for vehicle access that requires hands-free long-range identification up to 10 metres. With its "all-in-one" design, including integrated antenna, the LR-6 is certified for outdoor use and is easy to install and easy to use.

The LR-6 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-6 Reader using the TagMaster Software Development Kit. The Reader can be configured and controlled via the Ethernet interface, either locally or remotely via an Internet connection. The LR-6 supports several standard interfaces including Ethernet (TCP/IP), RS232, RS485 and Wiegand-Magstripe. The Reader features several functions, such as frequency hopping (FHSS).

Key features

- Read-range of up to 10 metres*
- Suitable for outdoor mounting in all weathers
- User-programmable with TagMaster SDK including TCP/IP communication and SQL database support
- Real-time clock (RTC)
- Ethernet, RS232, RS485 and Wiegand-Magstripe interfaces
- Low RF power output
- Bright LED and buzz indicators
- Licencefree worldwide
- Application software

Data	
Read range	Up to 10 metres* (33 ft)
Write range	Up to 0.25 metres* (0.8 ft)
Operating frequency	CW:2.435 to 2.465 GHz, FHSS: 2.400 to 2.484 GHz
Dimensions	290x165x55 mm / (11.4x6.5x2.2 in)
Weight	1.0 kg (2.2 lbs)
Output power	10 mW e.i.r.p (25 mW e.i.r.p optional**)
Power supply	10 to 30 VDC
Power consumption	5 W (max 15W)
Operating temperature	-40 °C (-40 °F) to +70 °C (+158 °F)
Encapsulation	IP 66
Memory: Flash/RAM	16 MB / 32 MB
Certificates	CE Certificate according to R&TTE-Directive 1999/5/EC, FCC M39LRXX

Type of ID-tag	Reading range i metres and (ft)
MarkTag Classic	6 (20)
ScriptTag Classic	6 (20)
MarkTag MeM	10 (33)
MarkTag MeM duo	10 (33)
MarkTag MaX tpe	10 (33)
MarkTag Outdoor	6 (20)
ScriptTag Outdoor	6 (20)

* Reading range depends on type of ID-tag and reader settings.

**Permissible subject to local regulations.

TagMaster Asseccories: Part No:
Universal Mouning Kit 193600

By changing the reader configuration settings the reader can subsequently be configured to start one of the other software options.