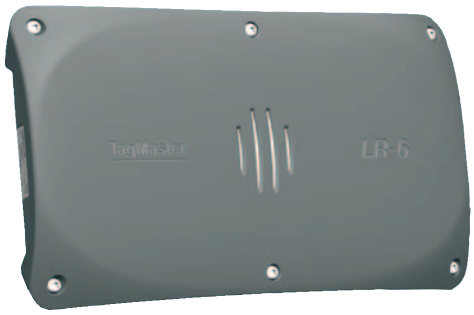
TagMaster
North America, Inc.

PRODUCT SHEET

Part No. 154900



LR-6XL reader

GEN4 LONG-RANGE RFID

The LR-6XL is a versatile all purpose 2.45 GHz RFID reader with a read-range up to 46 feet*. The LR-6XL is built around a standard Linux operating system and has an open development platform. This enables the Reader to be prepared for customer specific adaptations and applications that can be developed by TagMaster in-house Development Team.

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/Mag-stripe. The reader features several functions, such as the ability to select frequency hopping (FHSS**). This enables the reader to “hop” between frequencies within a specified band, ensuring smooth operation in multi-reader environments. The reader is designed for future expansion requirements and includes built-in USB Host interfaces, memory card slot and an expansion board interface.

KEY FEATURES

- Read-range of up to 46 feet*
- Frequency hopping (FHSS**)
- **Ethernet, RS232, RS485 and Wiegand/Mag-stripe interfaces**
- **Accurate real-time clock (RTC)**
- **UL, CE & FCC approved — no site licence required**
- **General purpose inputs and outputs I/O ports**
- **Weather proof IP66 enclosure**
- **User-selectable radio channels ensuring smooth operation in multiple reader installations**
- **Extremely low RF power output**

Technical information: LR-6XL reader	* Depends on reader settings, ID-tag and mounting. ** N/A in Japan and Taiwan.
Operating frequency	CW: 2.435 to 2.465 GHz, FHSS**: 2.400 to 2.483.5 GHz
Reading range	up to 46 feet* (14 meters) with MarkTag MeM or MeM Duo
Writing range	up to 1.6 feet* (0.5 meters)
Dimensions	11.42 x 6.50 x 2.21 inch / (290x165x56 mm)
Power supply	10 to 30 VDC
Power consumption	5 W (max 15 W)
Memory: Flash/RAM	16 MB /32 MB
Operating temperature	-40 °F (-40 °C) to +140 °F (+60 °C)
Protection	IP 66
Mounting	Standard M4. Recommended mounting using the Universal Mounting Kit.
Certifications CE 0413	CE Certificate according to R&TTE-Directive 1999/5/EC, FCC M39LRXX, UL Listed E345040

07-140 01

TagMaster North America. Inc
2007A 70th Ave West
Tacoma, WA 98466, USA

Phone (253) 238-1421
Fax (253) 238-7762

support@tagmasterna.com
www.tagmasterna.com