



## LR-3 pro

LR-3 pro is a full functionality reader for all types of access installations such as Parking, Gated Communities and Condominiums. This reader is a compact 2.45 GHz RFID reader with a reading range of up to 5 meters. The LR-3 pro 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-3 pro 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-3 pro supports several standard interfaces including Ethernet (TCP/IP), RS232, RS485 and Wiegand/Mag-stripe. The reader features several functions, such as frequency hopping (FHSS\*\*). The FHSS mode enables the reader to “hop” between frequencies within the specified band, ensuring smooth and stable operation in multi-reader environments and other RF intensive areas.

- Reading range of up to 5 meters (16 ft)\*
- Frequency hopping (FHSS\*\*)
- User-programmable with TagMaster SDK including TCP/IP communication and SQL database support
- Real-time clock (RTC)
- Ethernet, RS232, RS485 and Wiegand/Mag-stripe interfaces
- Low RF power output – license free world wide

### DATA:

Reading range*	Up to 5 meters (16 ft)*
Operating frequency	CW: 2.435 to 2.465 GHz, FHSS**: 2.400 to 2.484 GHz
Dimensions	226 x 143 x 50 mm / (8.9 x 5.6 x 2.0 in)
Weight	0.75 kg (1.65 lbs)
Power supply	24 VDC 1A
Power consumption	5 W (max 10 W under normal conditions)
Operating temperature	-40 °C (-40 °F) to +60 °C (+140 °F)
Encapsulation	IP66
Certificates	CE Certi cate according to R&TTE-Directive 1999/5/EC, FCC M39LRXX

\* Depends on reader mounting and type of ID-tag \*\* Permissible subject to local regulations

### Ordering information:

Part No. PassMan	612740
Part No. WatchMan	612741
Part No. WiseMan	612742
Part No. Frequency hopping disabled option	612772