



LR-6 WiseMan




The WiseMan is a programmable, 2.45GHz Read/Write unit for Automatic Identification and verification of stationary or moving vehicles, objects and people. With built-in processing and database verification capabilities along with turn-key application software, the Wiseman is ready for immediate, stand-alone operation.

TagMaster's long-range RFID readers are used in combination with TagMaster ID-tags, which are available in different versions depending on user needs; MarkTags are Read-Only and ScriptTags are Read/Write with memory for programming.

The LR-6 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. The LR-6 is backwards compatible with TagMaster's previous generation hardware and software interfaces.

KEY FEATURES

- Built-in processing and database capabilities
- Read-range of up to 6 meters (20 ft)*
- Frequency Hopping (FHSS)**
- General purpose inputs and outputs I/O ports (i.e. Relay)
- Ethernet, RS232, RS485 and Wiegand/Mag-stripe interfaces
- Weather proof IP65 enclosure
- User-selectable radio channels ensuring smooth operation in multiple reader installations
- Extremely low RF power output, CE & FCC approved — no site licence required
- Flexible supply voltage (10 to 30 VDC)

Technical information: LR-6 reader		* Depends on reader settings and mounting. ** Not available 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 6 meters* (20 ft)	
Writing range	up to 0.5 meters* (1.6 ft)	
Dimensions	290x165x56 mm / (11.42x6.50x2.21 inch)	
Power supply	10 to 30 VDC	
Power consumption	5 W (max 15 W)	
Memory: Flash/RAM	16 MB /32 MB	
Operating temperature	-20 °C (-4 °F) to +60 °C (+140 °F)	
Encapsulation	IP 65	
Mounting	Standard M4. Recommended mounting using the Universal Mounting Kit.	
Certifications		CE Certificate according to R&TTE-Directive 1999/5/EC, FCC M39LRXX