TagMaster LR-Series

TagMaster is the world leader in hands-free vehicle access control. Our unique technology allows for automatic, long-range identification of private and commercial vehicles.

TagMaster's 2.45GHz Microwave technology is ideally suited for AVI and vehicle access control installations where long read ranges are required. The directional read lobe provides fast, accurate tag identification at distances of up to 50 feet.

MICROWAVE

Why TagMaster?

TagMaster North America provides secure, automatic, and reliable identification of vehicles and personnel. TagMaster's RFID system consists of readers and ID-tags. Readers can work standalone using ACTS Essential (powered by ArmID) or be connected to a host computer. ID-tags for a variety of purposes are available, including tags for mounting inside the windshield, tamper evident designs, and heavy duty tags for mounting outside the vehicle.

Microwave Readers

The LR-Series TagMaster 2.45GHz Microwave Reader is an integrated controller and antenna in a single unit. TagMaster's LR-series readers support several standard interfaces including Ethernet (TCP/IP), RS232, RS485, and Wiegand/Mag-stripe.

- **Frequency hopping (FHSS)**
- **System Light Indicator: LED**
- **UL-listed**
- **CE & FCC approved**
- **No site license required**
- **Operating temperatures -40F to +140F**
    (-40C to +60C)

- **Weather proof IP66 Enclosure**
- **Read range:**
    LR-3 PRO, up to 18 feet*
    LR-6 PRO, up to 40 feet*
    LR-6 XL, up to 50 feet*

*(*depends on reader settings, ID-tags, and mounting)*

LR-3 PRO
Part No.154400
8.9 x 5.6 x 2.0 in

LR-6 PRO & LR-6 XL
Part No.154600 / 154900
11.42 x 6.5 x 2.21 in

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Semi-Passive Tags

A battery is used to keep tags alert and ready to respond to the reader signal for fast, long-range reads. The lifetime of a TagMaster Microwave tag is up to 5 years depending on external environmental temperature and tag handling, but independent of the number of times it is identified. Each tag has a unique 8-digit identity code set from the factory with a 32-bit checksum for automatic verification.

S1240 MarkTag MeM
1.61 x 1.61 x .51 in

S1255 MarkTag Classic
3.39 x 2.13 x .12 in

S1240 MarkTag MeM The MeM Read-only tag can be mounted to the inside of a windshield or on the dashboard using the S1938 WinFix MeM. Permanent mounting can be achieved using S1954 CardTape.

S1255 MarkTag Classic The Classic Read-only tag can be mounted to the inside of a windshield using the S1951 WinFix Classic. Permanent mounting can be achieved using S1954 CardTape.

S1455 MarkTag ODU
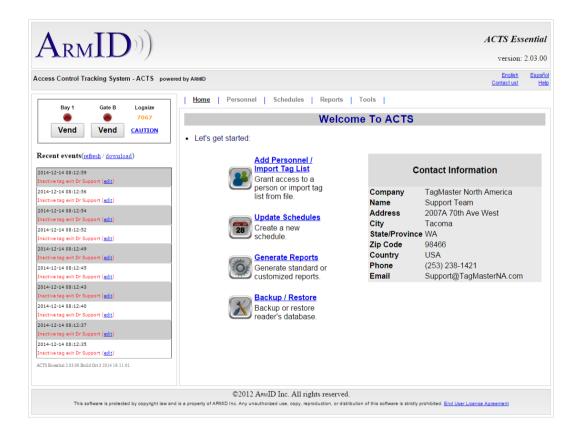3.6 x 2.3 x 0.3 in

S1355 MarkTag ODU (Outdoor Use)
The rugged, IP67 encapsulation allows for the ODU tag to be mounted on the exterior of a vehicle using CardTape or rivets.

ACTS
Access Control Tracking System ESSENTIAL

TagMaster North America's embedded Access Control Tracking System software - **ACTS** - eliminates the need for external access control hardware. ACTS is built on the Linux platform, TCP/IP enabled, and can be remotely configured and accessed through any standard web browser. ACTS Essential supports up to two long-range readers (LR-series).

- **Easy-to-use web-based interface**
- **No external software required**
- **5,000 events per day for 4 years**
- **Manages personnel schedules**
- **Real-time Event Log Viewer**
- **Live camera support**

- **Works within DHCP and Static IP Networks**
- **English and Spanish language support**
- **Downloadable/customizable reports**
- **Manages 10,000 cardholders/credentials**
- **Backup/Restore features (PC required)**
- **Supports Anti-Passback and IP display**

TagMaster North America, Inc.

Tel: (253) 238-1421
Toll Free: (866) 615-5299
Fax: (253) 238-776

sales@TagMasterNA.com
www.TagMasterNA.com