

MarkTag Classic

Long-Range RFID Microwave Tag



The MarkTag Classic read-only 2.45 GHz RFID Tag is a long-time proven high-end choice for hands-free vehicle identification. Each ID-tag has a pre-programmed 8-digit unique identity code. This Tag also has a large 32-bit checksum that virtually eliminates the risk of incorrect tag reads even in environments where several ID-tags are simultaneously being identified.

Long-Range Identification

The MarkTag Classic will be identified up to 33 feet** using a TagMaster RFID LR-series Reader. The tag emits no radio signals, it only reflects a modulated response to a reader request. These read-only tags are battery powered, keeping the tag alert for an instantaneous response to the Reader signal, allowing for quick and reliable hands-free access, and has a predictable lifetime of up to 6 years* (independent of the number of times it is identified).

KEY FEATURES:

- Highly reliable long-range tag
- License-free worldwide
- Slim, elegant design; credit-card sized
- Semi-permanent, transferable mount options
- Battery powered keeping the tag alert
- Lifetime up to 6 years*
- Long-range AVI and/or personnel access

Mounting Solutions

Ideal for applications requiring long-range, hands-free identification, the semi-passive MarkTag is the standard choice for hands-free AVI and can be mounted directly onto a vehicle's windshield using TagMaster's WinFix™ holder or using other RFID accessories from TagMaster North America.

Applications

The MarkTag Classic is designed for long-range applications such as:

- Gated communities
- Airport parking & Ground Transportation Management Systems (GTMS)
- University and Hospital parking/personnel access
- Commercial and Corporate parking areas
- Commercial Vehicle Management Systems (CVM)

Part No. Information

MarkTag Classic	S1255
WinFix™ Classic Holder	S1951
RFID HangTag	S1960
CardKeep™	S1953
CardTape	S1954

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SPECIFICATIONS

Technical Information	MarkTag Classic
Part No. S1255	
Detection range	Up to 33 ft with LR-6 ^{XL} Reader**
Operating Frequency	2.435 to 2.465 GHz
Operating Temperature	-4°F (-20°C) to +185°F (+85°C)
Dimensions	3.39 x 2.13 x 0.16 inch (86 x 54 x 4 mm)
Battery lifetime	Up to 6 years*
Protection	IP54
Compatible Readers	LR-3 Pro, Part No. 154400 LR-6 Pro, Part No. 154600 LR-6XL, Part No. 154900
Mounting Options	WinFix™ Classic Holder, Part No. S1951 SecureTape™, Part No. S1954 RFID HangTag™, Part No. S1960 CardKeep™, Part No. S1953
Material	Polymer
Color	Light grey with white back
Certifications	Electrical Safety EN 62368-1 Health 1999/519/EC Radio RED 2014/53/EC, EN 300 440 v2.1.1 EMC EN 301489-3 RoHS, WEEE

* Depends on external environment temperature and Tag handling

** Depends on Reader type and mount

The information in this document may be subject to change without prior notice.