MarkTag Outdoor

The MarkTag Outdoor is the heavy-duty choice for long-range vehicle identification and access control

KEY FEATURES

▶ **Highly reliable long-range tag**

▶ **Heavy duty tag for outdoor use**

▶ **Licence-free worldwide**

▶ **Long life**

▶ **Secure**

Heavy Duty
The MarkTag Outdoor is a long-time proven outdoor choice for vehicle identification and access control. The tag is specially designed for outdoor environments and can be placed in any location matching the requirements of the application.

Flexible and reliable
The tag is easy to use, highly reliable and can be mounted directly on metal surfaces. Furthermore, the tag is using the 2.45GHz frequency band and is therefore licence-free worldwide.

Security
The tag has a pre-programmed 8-digit unique identity code. A 32-bit checksum ensures a correct reading.

Long Life
The MarkTag Outdoor lifetime is fully predictable +6 years, independently of the number of reads, as the tag emits no radio signals. The tag only reflects a modulated response to a reader request. The tag electronics are always powered up and the power consumption is constant.

When the battery level becomes low, the tag generates a battery alarm to the reader, which can then inform the host systems.

Application areas, example:

▶   Industry
▶   Ports & Airports
▶   Transport & Logistics
▶   Public Transport
▶   Depots
▶   Mining

PART NO. INFORMATION	DESCRIPTION
135500, MarkTag Outdoor	Outdoor tag for use with LR-6/LR-6XL

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TECHNICAL INFORMATION

Operating frequencies	:	2.435 GHz to 2.465 GHz
Read range	:	Up to 10 meter (30 ft) *
Read mode	:	Random
Dimensions	:	75 x 50 x 20 mm (2.96 x 1,96 x 0.79 inch)
Weight	:	80g (0.18 lbs)
Material	:	Polymer
Battery lifetime	:	Typically +6 years. Lifetime is dependent on temperature.
Operating temperature	:	-40°C (-40°F) to +85°C (+185°F)
Protection	:	IP67
Colour	:	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

* Read range depends on reader settings.

Due to TagMaster's continuous effort to develop the products in response to customer needs, the above specifications are subject to change.

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