MarkTag HD

The 1455/1456 MarkTag HD is a read-only 2.45 GHz heavy duty RFID-tag, where the tag-ID is set to a unique 8 digit number.

KEY FEATURES

- ▶ **Semi passiv with long read-range**
- ▶ **IP67**
- ▶ **Licence-free worldwide**
- ▶ **RoHS**
- ▶ **Unique identity**

MarkTag Outdoor is a read only 2.45 GHz ID-tag. The tag is specially designed for outdoor environments and is the standard choice for applications where there is no need to write information to the ID-tag. The MarkTag Outdoor is made for outside mounting on a vehicle/object and can be mounted directly on to metal surfaces. The ID-tag is robust, vibration resistant, waterproof and UV stable. The ID-tag has a pre-programmed 8-digit unique identity code from factory that comprises a 32 bit checksum for automatic verification. This eliminates substitution errors even with several ID-tags identified simultaneously.

The ID-tag is semi-passive, battery powered, for instantaneous reflection of the Reader's signal. The battery lifetime is +6 years.

PART NO. INFORMATION

MarkTag HD	145602

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TECHNICAL INFORMATION	
Read range	Up to 10 metres* (30 ft)
Operating frequency	CW: 2.435 to 2.465 GHz
Dimensions	91 x 59 x 8 mm (3.6 x 2.3 x 0.3 inch)
Weight	60 g (0.1 lbs)
Battery lifetime	Typically +6 years. Lifetime is dependent on temperature
Colour	Black
Encapsulation	Robust Polymer
Operating temperature	-40°C (-40°F) to +85°C (+185°F)
Ingress Protection	IP67
Certifications	CE Certificate according to R&TTE-Directive 1999/5/EC, Annex IV, Health: 1999/519/EC, El.Safety: EN 60950, EMC: EN 301489-3:2000, EN 300 440:2001

* Reading range depends on type of reader and settings. Mounting: standard M4, rivets or adhesive tape.

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