



MarkTag HD

Key features

- **Semi passiv with long read-range**
- **IP 67**
- **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.

Data	
Read range	Up to 10 metres* (30 ft)
Operating frequency	CW: 2.435 to 2.465 GHz
Dimensions	91x59x8 mm /(3.6x2.3x0.3 in)
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	IP 67
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.