



RFID
UHF

AX'Tag Viking XS UHF

AX'Tag Viking XS is a small epoxy UHF tag encapsulated in metal to guarantee its robustness over the long term and in rough environments. Indeed, this small rugged tag can be exposed to dust and water (protection class IP68).

Thanks to its small size, it is suitable for the tracking of small tools and metal equipment.

For personalization, the tag can be laser engraved.

Key features

- Small size (<13mm)
- Easily integrated in small metal equipment
- Waterproof & dust resistant (IP68)

Applications

- Tracking of construction equipment and tools



Functional specifications

Type	UHF
Frequency	850MHz
Air interface protocol	EPC Class1 Gen2, ISO18000-6C
IC Type	Alien Higgs-3
Memory	EPC 96bits (Up to 480bits), USER 512bits, TID 64bits
Data retention	Up to 50 Years
Write Cycles	100,000 times
Functionalities	Read/Write
Read range	1m

Physical specifications

Dimensions	Diameter: 12,6mm, thickness: 4,5mm
Tag Material	Aluminium / epoxy
Mounting Method	Glue
Applicable surface	On metal
Color	Grey and black
Customization	Laser engraving (back of the tag)

Environmental and industry compliance

Protection	IP68 (waterproof, dust resistant)
Storage Temperature	-20°C to +80°C

V1.0

Non-contractual datasheet