

RFID
UHF



AX'Tag Memento 2K XS

This small UHF tag is suitable for applications which require high read range and extended user memory. It is indeed equipped with 7xm chip which offers custom commands: untraceable function and extended user memory of 2-kbits. This UHF tag is dedicated for use in metallic environment. Thanks to its ceramic packaging, it can be used outdoor and in rugged environments.

Key features

- Extended user memory of 2-kbits
- Small performant tag
- Untraceable feature

Applications

Maintenance and tracking of military materials, security of materials on field, inventory and supply chain management, metallic asset tracking, process optimization...



Untraceable
function

Memory
2Kbits

1,5 meters

Functional specifications

Type	UHF
Frequency	866-868 MHz (EU), 902-928 MHz (US)
Air interface protocol	EPC Global Class1Gen2; ISO 18000-6C
IC Type	UCODE 7xm 2K
Memory	EPC: 448 bit / TID: 96-bit / User Memory: 2-kbit bits / Access password: 32 bit / Kill password: 32 bit / Digital signature: 384 bits
Data retention	20 years
Write cycles	100, 000 times
Functionalities	Read/write
Read range	1,5m (with 4W EIRP)

Physical specifications

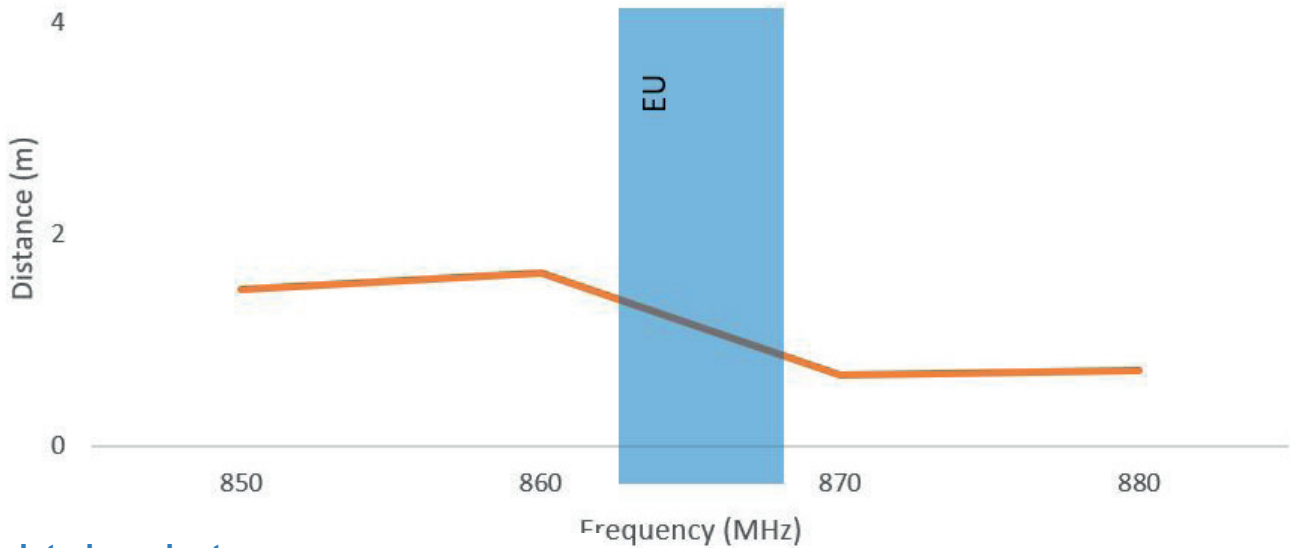
Dimensions / Weight	10 x 9 x 1,5 mm / 0,68g
Metal compatible	Yes

Environmental and industry compliance

Operating temperature	-20°C to +85°C
Storage temperature	-40°C to +85°C
Protection grade	IP68

V5.0
Non-contractual datasheet

Measured read range



Related products

Options	Extended 64Kbits UHF memory	512 user memory
Reference	AX'Tag Atomic L Memento UHF TAGUHF1253	AX'Tag Atomic L TAGUHF1254



References

A/TAGUHF1844EU	AX'Tag Memento 2K XS UHF, EPC C1 G2, 7xm 2K, 10x9x1.5mm, Black, Adh3M VHB, EU
TAGUHF1428EU	AX'Tag Memento 2K XS UHF, EPC C1 G2, 7xm 2K, 10x9x1.5mm, Adhesive NITTO 5000 NS,EU
TAGUHF1255	AX'Tag Memento 2K XS UHF, EPC C1G2, 7xm 2K, 10x9x1,5mm, EU

V5.0
Non-contractual datasheet