

RFID  
UHF



Untraceable  
function

Memory  
2Kbits

1,5 meters

## 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 used 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...

## 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
Data retention	20 years
Write cycles	100, 000 times
Functionalities	Read/write
Read range	1,5m (with 4W EIRP)

## Physical specifications

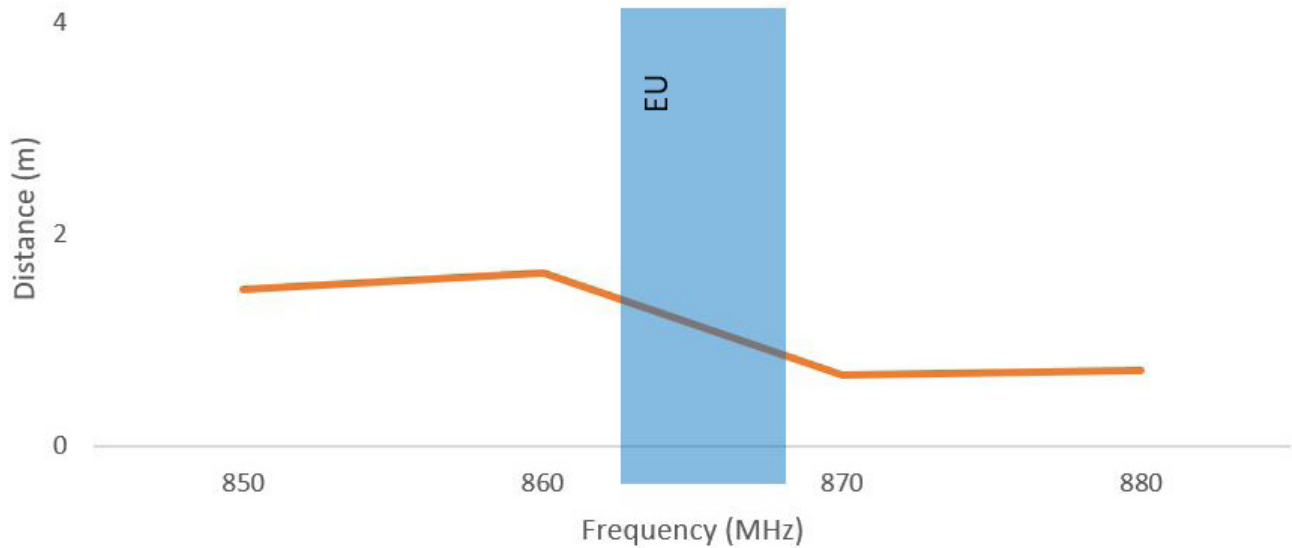
Dimensions / Weight	10 x 9 x 1,5 mm / 0,68g
Metal compatible	Yes

## Environmental and industry compliance

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

V5.3  
Non-contractual datasheet

## Measured read range



## References

A/TAGUHF1844EU	AX'Tag Memento 2K XS UHF, EPC C1 G2, 7xm 2K, 10x9x1.5mm, 3M VHB adhesive, EU
TAGUHF1428EU	AX'Tag Memento 2K XS UHF, EPC C1 G2, 7xm 2K, 10x9x1.5mm, NITTO 5000 NS adhesive, EU
A/TAGUHF1255EU	AX'Tag Memento 2K XS UHF, EPC C1G2, 7xm 2K, 10x9x1,5mm, no adhesive, EU