

# ARKUS

## UHF PCB Metal Tag

Arkus is a PCB based on-metal RFID tag, compatible with the EPC Class 1 Gen 2 (ISO18000-6C) standards. It is suitable for tracking small metal assets such as tools, weapons and surgical instruments. The small footprint makes it ideal for tracking assets where tagging surface is small. It can also sustain the harsh environment and higher temperatures for short duration exposure.

It comes with thin film 3M adhesive.



100% read-tested tags with industry best NXP UCode chips. These tags are available in different sizes and can be customized with customer branding.

## RECOMMENDED APPLICATIONS

### Weapons Tracking

The **weapons tracking** solution utilizes **RFID** technology to **track weapons**, munitions and other valuable assets. The system provides an audit trail as to who, what, when and where of **weapons** inventory. Portable **RFID** Readers are used to rapidly inventory **weapons** and other gear and find items that are misplaced or missing. More easily locate specific *weapons* and identify assets that require upkeep or re-certification.



### Other Applications:

Medical Assets, Metal tools tracking

# Specifications

Part no.:	WL28U
Operating Frequency :	865-868 MHz (ETSI)
Operating Mode :	Passive (battery-less transponder)
Read Range :	up to 3m* (Fixed Reader) up to 2m* (Handheld Reader)
Protocol :	ISO/IEC 18000-6C
Chip Type :	NXP UCode 8/9; EPC Class 1 Gen 2
Memory :	EPC 96/128 bits 48-bit Tag Identifier (TID) factory locked 0-bit User memory
Data retention :	Up to 10 years
Dimensions :	52 x 13 x 2.7mm <sup>#</sup>
Material :	PCB
Ingress Protection :	IP68
Operating Temp. :	-10°C to +180°C
Storage Temp. :	-10°C to +150°C
Application :	3M Adhesive
Quality assurance :	100% read-tested
Optional services :	Logo Printing and Encoding

# Other sizes available.

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