



RFID  
UHF



## Key features

- Compact and lightweight reader
- Easy and intuitive to use
- LEDs, vibrator and buzzer, 2 RFID / 2D buttons
- Excellent cost/performance ratio
- Repairable, after sales support in France, sustainable
- Android and Windows demo applications
- Easy to use SDK.

## Applications

Logistics, military, energy, medical...



Designed in France

V3.1

Non-contractual datasheet

## Unidirectional reading for intuitive use

The AX'Up wire is equipped with two functions, RFID and 1D/2D. The 2D scanner and the circular UHF antenna are oriented so that the scanning gesture of barcodes and RFID tags is the same.

## 100% configurable from a computer

- Customisable visual and audible signals: RFID and 2D status LEDs, buzzer, vibrator.
- All RFID functionalities available: lock, write to all memories, PermaLock, untraceable, code truncation, keyboard emulation...

## Customisable cable configuration

- Standard: 2.5m twisted cable.
- Any other cable on request: length up to 2.5m, twisted/untwisted, connector type.

## Eco-responsibility

All components, especially those subject to wear and tear, are on a daughter board attached to the main board, which can be easily replaced. The product is therefore easily repairable.

## Durability

We guarantee the availability of spare parts for a minimum of 15 years.

## General specifications

Dimensions	60 x 123 x 40mm
Weight	<200g
Connector	USB cable type A twisted / USB type-c, other on request.
Cable length	2,5m
Display	Led, buzzer, vibrator

## Data collection

### RFID

Type	UHF
Frequency	866-868 MHz (EU)
Air interface protocol	EPC Global Class1Gen2; IEC 18000 - 6C/6B
Output power	27dBm, adjustable from 15dBm to 27dBm
Functions	<ul style="list-style-type: none"><li>- Read/write triggering by software and/or push button</li><li>- single / multiple inventory</li><li>- Power adjustment (dBm)</li><li>- TID reading</li><li>- Anti-collision</li></ul>

### Barcode 1D/2D

1D/2D Barcode Scanner	EM50S-10
1D Symbologies	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc
2D Symbologies	PDF417, Data Matrix (ECC200, ECC000, 050, 080, 100, 140), QR Code

## Environmental and industry compliance

Storage Temperature	-20°C to 55°C
Operating Temperature	-40°C to 80°C
Humidity	95% relative humidity, no condensation
Protection grade	IP54
Certifications	CE

## Software

SDK and demo applications available.

Android V9.0 and newer and Windows 7 and newer.

You want a demo of the AX'Up wire?  
[Contact us: commercial@axemtec.com](mailto:commercial@axemtec.com)



V3.1

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Straight cable



Twisted cable



## References

AXUP01FEU-T-Q	AX'Up wire UHF, 2D, with 2m twisted USB cable, QWERTY, EU
AXUP01FEU-D-Q	AX'Up wire UHF, 2D, with 2m USB cable straight, QWERTY, EU
AXUP01FEU-T	AX'Up wire UHF, 2D, with 2m twisted USB cable, AZERTY, EU
AXUP01FEU-D	AX'Up wire UHF, 2D, with 2m USB cable straight, AZERTY, EU