# AX'Up wire ®

## AXEM Technology

## 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

*V3.0*
*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 | - Read/write triggering by software and/or push button<br>- single / multiple inventory<br>- Power adjustment (dBm)<br>- TID reading<br>- Anti-collision |

### 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**

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AXEM Technology
11-13, rue Auguste Perret - ZAC Europarc - 94042 Créteil Cedex France
Tél. : +33 (0)1 41 94 11 85 - Fax. : +33 (0)1 49 56 91 52 - commercial@axemtec.com - www.axemtec.com

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