# AX'Up dongle

**AXEM** Technology

RAIN RFID



## The AX'Up Dongle is available in Standard and Touch packaging!



🇫🇷 Made in France

## Key features

- Wireless communication via dongle or wire
- Compact and lightweight reader
- Accurate reading of small tags (Touch)
- Rechargeable battery
- Keyboard emulation or SPP (in wired mode)
- Easy and intuitive to use
- 3 buttons only: RFID, 2D and ON/OFF buttons
- Repairable, after sales support in France

## Applications

Production monitoring, maintenance operations, goods identification...

## Wireless or wired communication, it's your choice!

The AX'Up dongle communicates with your computer via dongle. It can also work wired for configuration.

## Near-field reading

AX'Up Dongle (packaging touch) is designed to read small and short-range RFID tags. Its compact antenna enables tags to be precisely targeted even when they're close together, guaranteeing secure and reliable reading.

## Easy and intuitive to use!

The AX'Up dongle is equipped with two functions, RFID and 1D/2D. The 2D reader and the circular RAIN RFID (UHF) antenna are oriented so that the scanning gesture of barcodes and RFID tags is the same. Thanks to its compact size, the AX'Up dongle fits in your pocket, a real plus for mobile professionals.

*V1.2*
*Non-contractual datasheet*

## 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.

## 100% configurable from a computer

- Customisable visual and audible signals: RFID and 2D status LEDs, buzzer, vibrator.
- All RFID functionalities available: Lock, PermaLock, code truncation...

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# AX'Up dongle

## General specifications

| | |
|---|---|
| Dimensions | 60 x 123 x 40mm (Packaging AX'Up Air) or 140 (L) x 60 (W)mm, Thickness: 30mm (Ax'Up Touch packaging) |
| Weight | 200g (AX'Up Air packaging) or 120g (AX'Up Touch packaging) |
| Battery | 1000 mAh, charge time: 4 hours, operating time: 48 hours<br>Charging temperature: +10°C to +38°C |
| Keys | RFID, 1D/2D, ON/OFF |
| Central LED indicator | Blue indicator: dongle connected<br>Blinking blue indicator: not connected - ready for pairing<br>Orange blinking indicator: charging<br>Green indicator: full charged<br>Red indicator: low battery |

## Communication

| | |
|---|---|
| Dongle | USB type A |
| Connector | USB type C |

## Data collection

### RFID

| | |
|---|---|
| Type | RAIN RFID (UHF) |
| Frequency | 866-868 MHz (EU) |
| Air interface protocol | EPC Global Class1Gen2; IEC 18000 - 6C/6B |
| Output power | 27dBm, adjustable from 13dBm 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 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, QR Code |

## Environmental and industry compliance

| | |
|---|---|
| Storage Temperature | -10°C to 50°C |
| Operating Temperature | -40°C to 80°C |
| Humidity | 95% relative humidity, no condensation |
| Protection grade | IP54 |
| Drop specification | 10 drops to 1.5m/4.9ft on concrete |
| Certifications | CE |

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# AX'Up dongle

## Software

| AXEM SDK | Andoid and Windows available |
|---|---|

## Accessories

**TYPE-C to TYPE-A 1m straight USB cable**
Supplied with AX'Up
Item code: AL2161

**TYPE-C to TYPE-A twisted USB cable Screw-in**
Item code: CA2178

**TYPE-C to TYPE-A straight USB cable 2m, screw-in**
Item code: CA2179

**Hand strap**
Supplied with AX'Up
Item code: DRA2237

**Dongle**
Supplied with AX'Up
Item code: DONGL2294

You want a demo of the AX'Up Dongle?
Contact us: **commercial@axemtec.com**

## Item code

| AXUP02DEU | AX'Up Dongle UHF, 2D, AZERTY, EU, Keyboard emulator |
|---|---|

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