



Designed and made in France

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

The AX'Up air communicates via Bluetooth with your smartphone, tablet or computer. It can also work wired, in particular when connected to a computer for configuration.

## Unidirectional reading for intuitive use

The AX'Up air is equipped with two functions, RFID and 1D/2D. The 2D reader and the circular 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 air fits in your pocket, a real plus for mobile professionals.

V1.4

Non-contractual datasheet

## Key features

- Wireless (BLE) or wired communication
- Compact and lightweight reader
- 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...

## 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...

## General specifications

Dimensions	60 x 123 x 40mm
Weight	200g
Battery	1000 mAh, charge time: 4 hours, operating time: 48 hours Charging temperature: +10°C to +38°C
Keys	RFID, 1D/2D, ON/OFF
Central LED indicator	Blue indicator: bluetooth connected Blinking blue indicator: not connected - ready for pairing Orange blinking indicator: charging Green indicator: full charged Red indicator: low battery

## Communication

Bluetooth	Bluetooth Low Energy (BLE) 5.0
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 - single / multiple inventory - Power adjustment (dBm) - TID reading - 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
Certifications	CE

### V1.4

Non-contractual datasheet

## Software

AXEM SDK

Android and Windows available

## Accessories

**TYPE-C to TYPE-A  
straight USB cable  
1m**

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



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



## Item code

AXUP02BEU

AX'Up Air UHF, 2D, AZERTY, EU

V1.4

Non-contractual datasheet