



Made in France

## Optimum reading accuracy

AX'Up 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.

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

The AX'Up touch 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 touch 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.

V1.1

Non-contractual datasheet

## Key features

- Compact and lightweight reader
- Accurate reading of small tags
- Rechargeable battery
- Wireless (BLE) or wired communication
- 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...

Thanks to its compact size, the AX'Up touch fits in your pocket, a real plus for mobile professionals.

## 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	140 (L) x 60 (W)mm; Thickness: 30mm
Weight	120g
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

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## 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 Touch?  
Contact us: [commercial@axemtec.com](mailto:commercial@axemtec.com)



## Item code

AXUP02TEU

AX'Up Touch Air UHF, 2D, AZERTY, EU + USB Cable std 1m + Strap

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