

# Discovery Mini

RFID wearable for picking



## APPLICATION

Discovery Mini is ideal for **applications** such as:

- parts assembly and production control in a semi-automated environments;
- hands-free picking in logistics, shelf replenishment;
- preparation of shipments in distribution warehouses for e-commerce and retail.

## PRODUCT OVERVIEW

The Discovery Mini wearable RFID reader is a **small, ultra light and ergonomic wearable that reads RFID tags** and improves the efficiency of picking operations thanks to: a highly sensitive RFID reader, which enables reading and writing of passive UHF tags up to a distance of 1 m. **A two-way IoT communications** system is activated through an IoT gateway, which is complemented by the **easy integration** of the system with third-party cloud applications.

Very small in size – only 50 mm x 41 mm x 16 mm – it allows all **operations to be performed hands-free**, thus optimising time and processes. It is equipped with a short range wireless technology and has a long battery life, for **up to 9 hours of continuous use**.

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## SPECIFICATIONS

Operating Frequency EU	865.7-867.5	IP grade	65
Operating Frequency US	902.75 - 927.25 MHz	Dimensions	50 x 41 x 16 mm
Standard protocol	ISO 18000 - 6 A/B/C, EPC Class 1 Gen 2	Weight	62 g
RF Power	100mW (20dBm) [0dBm ÷ -19dBm [Software-configurable attenuation]	External housing	Pvc
Internal memory	Up to 3000 memorised tags	Power supply	Wireless charging according to standards
Antenna type	Integrated linear polarised	Battery	300 mAh (9 hr in continuous reading mode)
Antenna sensitivity	-90dBm	Operating temperature	-10° C ~ +50° C
Reading Distance	Up to 1 m		