RFID READER
DISCOVERY GATE IoT

The Discovery Gate IoT fixed RFID reader is a **highly sensitive**, high-power, stand-alone device that reads and writes passive UHF tags **up to a distance of 10 m, running the Linux operating system. It is suitable for IoT applications.**

With a minimalist design, it measures 305 mm x 305 mm x 70 mm, and is available with **2 inputs and 2 outputs**, as well as **WiFi and Ethernet.**

MARKETS

Easy to install and manage via Linux-based systems, the Discovery Gate IoT fixed RFID reader is the ideal choice for **IoT projects**, particularly vehicle access control, number plate control, car fleet control, production monitoring or industrial automation, as well as automated warehouse management in logistics.

RFID READER
DISCOVERY GATE IoT

UHF Frequency: Europe 865.7–867.5/USA 902.75–927.25

Technical features	
Standard protocol	ISO 18000 – 6 A/B/C, EPC Class 1 Gen 2
Connectivity protocol	RS232/ RS485/ Ethernet 10/100/ WiFi IEEE82.11b/g/ USB
RF power	2W (33dBm) EIRP [Attenuation configurable via software]
Antenna type	Integrated circular polarisation with 8dBi Gain 60° Beam Width
Antenna sensitivity	-90dBm
Reading distance	Up to 10 m

IoT board	
Operating system	Linux
RAM	512 MB
CPU	ARM1176JZF-S
Flash memory	On-board 4 GB eMMC

Physical characteristics	
IP grade	65
Dimensions	305 x 305 x 70 mm
External housing	Abs
Input/ output	2
User interface	Buzzer and internal LEDs
Power supply	12 ÷ 24V; Poe
Operating temperature	-20° C ~ +55° C

CE certified in accordance with ETSI EN 302 208.