

RFID READER DISCOVERY GATE LIGHT



The Discovery Gate Light fixed RFID reader is a high power UHF device designed with **an external and an internal LED** for IoT applications. **It features a customisable interface, and easily connects to a Linux operating system**, which makes it ideal for IoT applications. With **2 inputs and 2 outputs** as well as **WiFi, Ethernet and GPRS**, it

presents **remarkable read/write sensitivity** with passive UHF tags, and covers a range of up to 10 metres.

MARKETS

Easy to install and manage via Linux systems, the Discovery Gate Light fixed RFID reader is excellent for **IoT applications**, 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 LIGHT



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

Sistema operativo	Linux
RAM	512 MB
CPU	ARM1176JZF-S
Flash memory	On-board 4GB eMMC

Physical characteristics

IP grade	64
Dimensions	400 x 400 x 80 mm
Input/ output	2
User interface	Buzzer, external and internal LED, customisable interface
Power supply	12 ÷ 24V; Poe
Operating temperature	-20° C ~ +55° C

CE certified in accordance with ETSI EN 302 208.