

# Discovery Gate Basic

Fixed RFID reader



## APPLICATION

Easy to install, the Discovery Gate Basic fixed RFID reader is ideal for **high-speed and long-distance applications**, such as:

- vehicle access control;
- number plate control;
- car fleet control;
- production monitoring or industrial automation;
- automated warehouse management in logistics.

## PRODUCT OVERVIEW

The Discovery Gate Basic fixed RFID reader is a high-power, **high-sensitivity, stand-alone device** that reads and writes passive UHF tags **up to a distance of 25 m.**

With its simple design, this reader, measuring 305 mm x 305 mm x 70 mm, features customised, easy-to-configure firmware, and is available with the following connectivity options: **RS232 or RS485 or MAGNETIC STRIPE or WIEGAND 26.**

# Discovery Gate Basic

Stand-alone RFID reader for vehicle access control



## SPECIFICATIONS

Operating Frequency UE	865.7-867.5	IP grade	65
Operating Frequency US	902.75-927.25	Dimensions	305 x 305 x 70 mm
Standard protocol	ISO 18000 - 6 A/B/C, EPC Class 1 Gen 2	External housing	Abs
Connectivity protocol	RS232/ RS485/ MAGSTRIPE/ WIEGAND 26	User interface	Buzzer and internal LEDs
RF Power	2W (33dBm) EIRP [Software-configurable attenuation]	Power supply	12 ÷ 24V
Antenna type	Integrated circular polarisation with 8dBi Gain 60° Beam Width	Operating temperature	-20° C - +55° C
Antenna sensitivity	-90dBm		
Reading Distance	Up to 25 m		

CE certified in accordance with ETSI EN 302 208.