

# Discovery Gate LP

Fixed RFID reader



## APPLICATION

Discovery Gate LP fixed RFID reader is ideal **for all logistics and industrial applications requiring a reading distance of up to one meter**, such as:

- the identification of shopping trolleys;
- luggage transport carts;
- semi-finished product traceability in the automotive industry.

## PRODUCT OVERVIEW

The Discovery Gate LP fixed RFID reader is a low power, stand-alone device. Featuring a very simple design, it measures 105 mm x 80 mm x 60 mm.

As regards technology, it is equipped with a **highly sensitive antenna**, and performs read/write operations of passive **UHF tags up to a distance of 1 m**.

Available with **RS232** connectivity, its user interface incorporates an LED and buzzer.

# Discovery Gate LP

Stand-alone RFID reader for vehicle access control



## SPECIFICATIONS

Operating Frequency UE	865.7-867.5	IP grade	54
Operating Frequency US	902.75-927.25	Dimensions	105 x 80 x 60 mm
Standard protocol	ISO 18000 - 6 A/B/C, EPC Class 1 Gen 2	External extension	External sensors or actuators can be connected via one of the serial ports
Connectivity protocol	RS232	User interface	Buzzer and internal LEDs
RF Power	100mW (20dBm) EIRP [Attenuation configurable via software]	Power supply	12 ÷ 24V
Antenna type	Integrated circular polarisation with 3dBi Gain 60° Beam Width	Operating temperature	-20° C - +55° C
Antenna sensitivity	-90dBm		
Reading Distance	Up to 1 m		

CE certified in accordance with ETSI EN 302 208.