



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.

MARKETS

Discovery Gate LP fixed RFID reader is ideal **for all logistics and**

industrial applications requiring a reading distance of up to one metre, such as the identification of shopping trolleys or luggage transport carts, and semi-finished product traceability in the automotive industry.

RFID READER

DISCOVERY GATE LP



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
RF Power	100mW (20dBm) EIRP [Attenuation configurable via software]
Antenna type	Integrated circular polarisation with 3dBi Gain 60° Beam Width
Antenna sensitivity	-90dBm
Reading distance	Up to 1 m

Physical characteristics

IP grade	54
Dimensions	105 x 80 x 60 mm
External extension	External sensors or actuators can be connected via one of the serial ports
User Interface	Buzzer and internal LEDs
Power supply	12 ÷ 24V
Operating temperature	-20° C ~ +55° C

CE certified in accordance with ETSI EN 302 208.