

RFID READER

DISCOVERY GATE BASIC



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**.

MARKETS

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, as well as automated warehouse management in logistics.

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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/ MAGSTRIPE/ WIEGAND 26
RF Power	2W (33dBm) EIRP [Software-configurable attenuation]
Antenna type	Integrated circular polarisation with 8dBi Gain 60° Beam Width
Antenna sensitivity	-90dBm
Reading distance	Up to 25 m

Physical characteristics

IP grade	65
Dimensions	305 x 305 x 70 mm
External housing	Abs
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.