

Discovery Gate **UHF IP67**

Stand-alone high power gate for on board vehicular installation

EPC Class 1 Gen 2

ISO 18000 – 6 A/B/C

Philips UCODE

Discovery Gate UHF is a stand-alone high power solution that allows reading and writing of passive UHF tags up to a distance of 8m.

Discovery Gate UHF is fast and easy to install, ideal for vehicular installation in waste management



TECHNICAL DESCRIPTION

Maximum size: 250x200x55mm

Frequency

- **Europe** 865.7 ÷ 867.5 Mhz
- **USA** 902.75 ÷ 927.25 Mhz

Power Supply: 12÷24V

Communication: RS232, RS485

I/O: 2 digital Input, 3 Output 0/12V or 0/5V

Operative Temperature: -20° ÷ 60° C

Reading distance: up to 8m (depending on tag)

RF power: 2W (33dBm) EIRP [Attenuation configurable by software]

Sensitivity: -90dB

Standard compliant: ISO 18000 – 6 A/B/C, EPC Class 1 Gen 2, Philips UCODE

Antenna: integrated circular polarized antenna with 4dBi Gain 60° Beam Width

Protection: IP67

Certification: CE according to ETSI EN 302 208

Sensor ID s.n.c.