

# DISCOVERY GATE IP

UHF

IP 67



## DESCRIPTION

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

## RFID FEATURES

<b>Frequency</b>	865.7 - 867.5 902.75 ÷ 927.25
<b>Standard protocol</b>	ISO 18000 – 6 A/B/C, EPC Class 1 Gen 2, Philips UCODE
<b>RF power</b>	2W (33dBm) EIRP [Attenuation configurable by software]
<b>Antenna</b>	
Type	Integrated circular polarized antenna with 4 dBi - gain 60° beam width
Sensitivity	- 90 dB
<b>Reading distance</b>	Up to 8 m (dependent upon the tag)

## CONNECTIVITY

<b>Type</b>	RS232, RS485
<b>Input</b>	N°2 digital
<b>Output</b>	N°3: 0/12V or 0/5V

## PHISICAL FEATURES

<b>Size (mm)</b>	250x200x55 mm
<b>Power supply</b>	12÷24V

## ENVIRONMENTAL FEATURES

<b>Operating temperature</b>	-20° C to +60° C
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\* DISCOVERY GATE basic is CE certified according to ETSI EN 302 208. \*