

# DISCOVERY GATE Pi


**UHF**

**IP 65**


## DESCRIPTION

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

DISCOVERY GATE Pi is fast and easy to install, ideal for hand-free access control applications, vehicular control and industrial applications.

### 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 8 dBi - gain 60° beam width
Sensitivity	- 90 dB
<b>Reading distance</b>	Up to 8 m

### PLATFORM

<b>Operating system</b>	Linux Raspbian
<b>CPU</b>	ARM1176JZF-S
<b>RAM</b>	512 MB
<b>Flash memory</b>	On-board 4 GB eMMC

### CONNECTIVITY

<b>Ethernet</b>	10/100
<b>Wifi</b>	IEEE802.11b/g
<b>Others</b>	RS232, RS485, MAGSTRIPE, WIEGAND

### PHISICAL FEATURES

<b>Size (mm)</b>	305x305x70 mm
<b>Power supply</b>	12÷24V or PoE IEEE 802.3af

### ENVIRONMENTAL FEATURES

<b>Operating temperature</b>	-20° C to +55° C
------------------------------	------------------

\* DISCOVERY GATE basic is CE certified according to ETSI EN 302 208. \*