

Discovery Gate Pi UHF

EPC Class 1 Gen 2

ISO 18000 – 6 A/B/C

Philips UCODE

Discovery Gate Pi 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 Pi UHF** is fast and easy to install, ideal for hand-free access control applications, vehicular control and industrial applications.



TECHNICAL DESCRIPTION

Maximum size: 305x305x70mm

Frequency

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

Power Supply: 12÷24V or PoE IEEE 802.3af

Communication: Ethernet 10/100, WiFi IEEE802.11b/g, RS232, RS485, MAGSTRIPE, WIEGAND

Mother board: RASPBERRY MODULE CPU ARM1176JZF-S, 512MB RAM, On-board 4GB eMMC Flash Memory

Operative system: Linux Raspbian

Operative Temperature: -20° ÷ 55° C

Reading distance: up to 8m

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 8dBi Gain 60° Beam Width

Protection: IP65

Certification: CE according to ETSI EN 302 208

Sensor ID s.n.c.