

DISCOVERY LP



UHF

DESCRIPTION

Discovery LP UHF is a stand-alone low power solution that allows reading and writing passive UHF tags up to a distance of 1m.

This reader is fast and easy to install, ideal for on board vehicular installation in waste management and in logistic applications.

IP 67

RFID FEATURES

Frequency	
Europe	865.7 - 867.5
USA	902.75 ÷ 927.25 Mhz
Standard protocol	ISO 18000 – 6 A/B/C, EPC Class 1 Gen 2, Philips UCODE
RF power	100mW (20dBm) EIRP [Attenuation configurable by software]
Antenna	
Type	Integrated circular polarized antenna with 3 dBi - gain 60° beam width
Sensitivity	- 90 dB
Reading distance	Up to 1 m (dependent upon the tag)

CONNECTIVITY

Communication	RS232, RS485
External expansion	possibility to connect external sensors or actuator by one of serial port

PHISICAL FEATURES

Size (mm)	105x80x60
Power supply	12÷24V

ENVIRONMENTAL FEATURES

Operating temperature	-20° C to +60° C
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* DISCOVERY LP is CE certified according to ETSI EN 302 208, FCC in progress. *