

AL-800

RFID UHF Reader Data Sheet



AL-800 Product Details

Air Interface Protocol	EPC global UHF Class 1 Gen2 / ISO 18000-63
Frequency Range	860~960 MHz
Transmit Power	+1dBm~+31.5 dBm
Read Rate	200 tags/second
Max. Receive Sensitivity	-74 dBm
Antenna Ports	4 port monostatic antenna port (TNC JACK)

Data Interface

Ethernet	Ethernet 10/100Base-T auto-MDIX Ethernet port
Wi-Fi	USB 2.0 type-B HID port, 2.4GHz
WWAN	LTE (Optional)
Power Input	+24V / 1A
SDK	C# .Net
Micro-SD	Yes
USB 2.0 type-A Host	Yes
USB 2.0 type-B HID port	Yes

GPIO

GPI	3 Input, 1.5V ~ 5V with Optical coupling
GPO	4 Output, Dry Connect with Optical coupling

Mechanical & Operating Environment

Operating Temperature	-20°C ~55°C
Size (L*W*H)	183mm x 222mm x 32mm
Weight	630g

Certification

NCC, SRRC

Key Features

- ✔ Rapid deployment
(without PC can workable)
- ✔ Support third-party IoT cloud platform
- ✔ Pervasive integration capabilities
(ex : MQTT 、Socket)
- ✔ Customers can develop secondary in Reader (programmable)

Application

- ✔ Intelligent factory
- ✔ Asset Management
- ✔ Smart Track System
- ✔ Smart Self Checkout
- ✔ Anti-Theft Management
- ✔ Parking Lot Management
- ✔ Intelligent Transport System



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