



4 Ports UHF RFID Impinj R2000 reader IND8600

Applications:

1. assets/Logistics and Warehouse management;
2. personal/gate/Parking car control system;
3. Manufacturing management;
4. Products anti-counterfeiting detection;

5. Other field: club management, library, school student attendance management and marathon/racing/ bike/swimming pool system etc.

Features:

- 1、The best performance in RFID industry Powered by INDY Impinj R2000 chip
- 2、Outstanding anti-collision ability.
- 3、ISO 18000-6C and ISO 18000-6B compatible.
- 4、Excellent sensitivity.
- 5、Robust and refined industrial design.
- 6、Cast aluminum body, good heat dissipation.
- 7、Low power consumption.
- 8、Optimized firmware, highest efficiency and easy to be Integrated.
- 9、Multi layer electrical protection.
- 10、Hardware system halt detection: Run for 24hours X 365 days without system halt.
- 11、provide free SDK.

Model	IND8600
Size	264*185*28mm
Operating frequency	860Mhz - 960Mhz or 865-868mhz 902-928mhz

Chip	Indy Impinj r2000 chip
Weight	1.8 KG
Read range	1-35m(depend on tag and antenna)
Read tag	Multi-tag ,1- 500 tags/second (depend on antenna/tag and application)
Interface(connector)	Ethernet TCP/IP (RJ45) RS-232 (Serial port) RS-485 (Optional)
Protocol	EPC global UHF Class 1 Gen 2 ISO 18000-6C and ISO 18000 -6B
Antenna Connector	4 ports ,TNC
Output Power	30dBm
Tag cache	1000 tags @ 96 bit EPC
Shell Material	Cast aluminum
Operating temperature	- 20 ° C - + 55 ° C
Storage temperature	- 20 ° C - + 85 ° C
Humidity	< 95% (+ 25 ° C)
Channel Isolation	> 30dB
Output Power Precision	+/- 1dB
Output Power Flatness	+/- 0.2dB
Receive Sensitivity	< -85 dBm
Tag RSSI	Supported
Antenna Detector	Supported
Ambient Temp Monitor	Supported
Working Mode	Single/DRM
GPIO	2 inputs, 2 outputs ,optical isolated
Power supply	+12V DC @ 2A
Power Consumption	< 6W @ 30dBm RF output
Heat Dissipation	Air cooling