

Middle-Range Integrative Reader



Typical Applications:

- Intelligent traffic such as ETC, customs border-crossing, parking lot, automatic weighing, etc.
- Logistics such as container management, pallet management, asset tracing, etc.
- Ticketing & access control
- Pharmaceuticals such as medical waste management, etc.

Technology Parameters

Frequency Range	865MHz~ 868MHz (Adjustable for local regulations)
Tag protocols	ISO18000-6B,EPC Class 1, EPC Class 1 GEN 2
Operating Method	FHSS or fixed frequency(setted by software)
Antenna ports	Built-in 7dBi vertical antenna
Max RF power	30 dBm
Power smoothness	<0.5 DB
RF power range	20~30 dBm, Adjustable by software
Identify tag mode	Identify tag mode can be setted as: Reads the tag in fixed time automatically or; read tag after external triggering or software command.
Identify tag time	<8ms(Identify single tag)
Reading/Writing tag time	No more than 5ms every 8 bytes when reading, 25ms every 4bytes when writing.
Reading/Writing tag distance	>2 m (depend on antenna)
Communication interface	Type A: RS-232, RS-485, Wiegand26/34 Type B: RS-232, RS-485, Wiegand26/34, USB Type E: RS-232, Wiegand26/34, Ethernet
Input/output	2triggering input, 2 electric relay outoput
Power supply	DC 5V
Power consumption	≤5W
Size	240mm×240mm×70mm
Package dimension	455mm×300mm×90mm
Gross Weight	1.72kg
Net Weight	0.78kg
Work Temperature	-10 °C ~ +55 °C (-14°F ~ +131°F)
Storage Temperature	-20 °C ~ +85 °C (-4°F ~ +185°F)
Work status indication	Buzzer

Key Features

- Integrated, high performance 7dBi vertical antenna ensure middle-range reading and easy installation.
- Multi-protocol support: ISO 18000-6B&ISO 18000-6C(EPC Gen2).
- Super anti-interference ability for its FHSS frequency working method.
- Multi-reader synchronise.
- Software with different Programming language allows easy upgrade.
- All kinds of communication interfaces and customizing is available too.

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