

OR2112 UHF RFID Eight-Channel Reader

Specifications

Introduction: OR2112 reader is a high performance 8 antenna port reader, which can well adapt to the installation requirements of indoor or outdoor environment. The OR2112 reader is based on the M-2900 UHF RFID reader module, and its core chip is IMPYJ 2000 from INPIN R. It is a reader that is easy to install and flexible to deploy.

Item	Parameter
Size	198(L) x 198(W) x 28mm(H)
Weight	1.4Kg
Body material	CNC aluminum alloy
Input voltage	DC 12V - 18V
Standby current	<70mA
Sleep state current	<100uA
Maximum working current	600mA +/- 5% @ DC 12V Input Maximum peak current 1.2A +/- 10% @ DC 12V Input
Operating temperature	- 20 ° C - + 55 ° C
Storage temperature	- 20 ° C - + 85 ° C
Working humidity	< 95% (+ 25 ° C)
Air interface protocol	EPC global UHF Class 1 Gen 2 / ISO 18000-6C ISO 18000-6B
Operating spectrum range	860Mhz - 960Mhz

Work area support	US, Canada and other regions following U.S. FCC Europe and other regions following ETSI EN 302 208 with & without LBT regulations Mainland China Japan Korea Malaysia Taiwan
Output Power	0 - 33dBm
Output power accuracy	+/- 1dB
Output power flatness	+/- 0.2dB
Receive sensitivity	< -85 dBm
Peak inventory speed	700 shots / second
Tag buffer	1000 tags @ 96 bit EPC
Label RSSI	Support
Antenna connection protection	Support
Ambient temperature monitoring	Support
Operating mode	Stand-alone / intensive
Communication Interface	RS-232 or TCP/IP
GPIO	2 input optical coupling 2 output optical coupling
Maximum communication	115200 bps

baud rate	
Cooling method	Air cooling