

EZ-Tagchecker

4 Ports UHF RFID Tag Quality Measurement Instrument

- Specialized equipment for label production testing automation industry.
- Global standards EPC Gen2 Class1 V1.2, EPC Gen2 Class1 V2.0 and ISO 18000-6C.
- GPIO signal triggers to read 96bit EPC plus 96bit TID, with a maximum speed of 15ms/time.
- Read 96bit EPC plus 96bit TID continuously, with a maximum speed of 8ms/time.
- Support simultaneous writing of EPC, kill password, access password, USER, locking (supporting chip NXP U8, Impinj R6 tag special locking mode), unlocking.
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- Specifying TID coding mode and EPC coding mode is available.
- 7×24 hours continuous works with maintenance-free.
- Special instructions such as FastID、Tagfocus、QT、QTWrite、QTRead、BlockWrite、BlockErase、BlockPermalock.
- Ultrafast writing tag mode, able to write 12 bytes EPC within 50ms.



Physical Parameters	
Dimensions（L×W×H）	212.4mm×180mm×45mm
Weight	1280g
Mounting Hole	Screw(M6)×4
Body Material	Aluminum alloy
Antenna Interface	RP-TNC Connector(male)×4
Communication interface	GPIO in×4,GPIO out×4,LAN×1,RS232×1
Ambient Conditions	
Operating temperature	-40℃ to +60℃
Storage temperature	-40℃ to +85℃
Relative humidity	10%RH to 90%RH
Static resistance	Contact discharge: ±8kV
Function Parameters	
Tag RSSI and Phase	Support
Antenna wring protection	Support
Ambient temperature detection	Support
Antenna supported	Equipped with Easyrfid's proprietary antenna combination to prevent missed readings and serial readings.

Technical Data		
Item	Technical indicators	Remark
Input Voltage	12V	Special version can support 30V input
Peak current	700mA	Max. output power 12V
Frequency range	902MHz~928 MHz	
Rated power	5dBm~30dBm	
Stepping interval	1dB	5 to 30dBm adjustable via software
Reception sensitivity	-80dBm	
GPIO signal triggered	15ms/time	96bit EPC plus 96bit TID
Continuous reading	8ms/time	96bit EPC plus 96bit TID

Definition of 20-pin 3.81mm Connector							
Pin	Name	Signal Dierection	Remark	Pin	Name	Signal Dierection	Remark
1	GND			15	IO5	Input	Optical isolation, NPN
2	12V	Output		16	IO6	Input	Optical isolation, PNP, 12V to 24V
3~8	NC			17	IO7	Input	Optical isolation, NPN
9	IOA	Output	12V output, 100mA	18	IO8	Input	Optical isolation, PNP, 12V to 24V
10	IOC	Output	12V output, 100mA	19	IOB	Output	12V output, 100mA
11	GND			20	IOD	Output	12V output, 100mA
12~14	NC						

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



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