



1. Brief Introduction

This RF reader is designed as high-power reader products in middle-to-high level, it has high-sensitivity read/write function, and faster anti-collision processing.

It can read more than 300pieces tags in one time with stable function, which enable it be used in high-demanding RFID integration project, such as request for big lot of tags to be collected densely, to read tags in long range, etc

2. Key Features

- Conform with ISO15693, ISO18000-3 Standard
- Faster anti-collision processing,
- reading speed up to 50pcs/s, more than 300pcs in one time
- Multi interface for options-RS232/485; Wiegand 26/34, USB
- Reading range with single antenna: up to 90cm
- With multiple working mode, and set by software tool
- Integrated with various output and input ports

3. Typical Application

- Opened access control system
- Exhibition/Concert tickets
- Library management
- Warehouse management
- Jewelries retail/showing
- Family-school communication system
- Summit meeting attendance system

4. Technical Parameter

Parameters	
Frequency	13.56Mhz
Protocol	ISO/IEC 15693, ISO18000-3
RF power	>1W
RF port	One SMA (50Ω)
I/O	1 relay, 1 MOS
Working indication	1 buzzer, 1 bio-LED
Port	RS232/485 , Wiegand 26/34, USB
Reading range	Max 65cm (single antenna)
Reading speed	Max 60pcs per second
Current	<400mA
Voltage	12V DC
Working temp	-20℃ to +70℃
Housing material	Aluminum alloy
Dimension	135*106*28mm
Weight	200g
Model	IOT5401MW-LR1