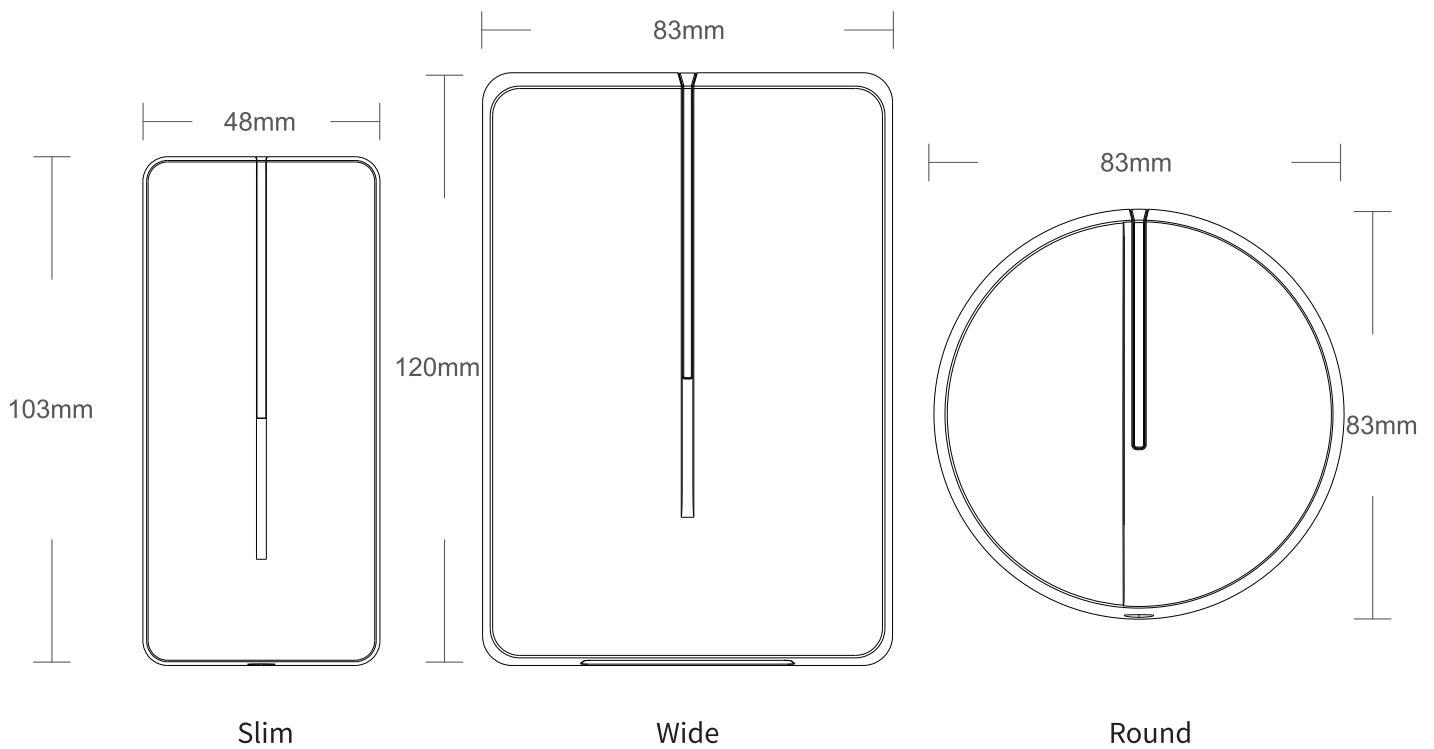


Metal Card Reader

User Manual



1 Product Introduction

Metal reader adopts innovative appearance, waterproof full metal body and non-traditional reading window, which truly reflecting the high strength and safety of metal access control reader. mReader is ideal for office and house using. Highly integrated and reliable technology of software and hardware are applied in the product. EM, HID and IC card reading are supported.

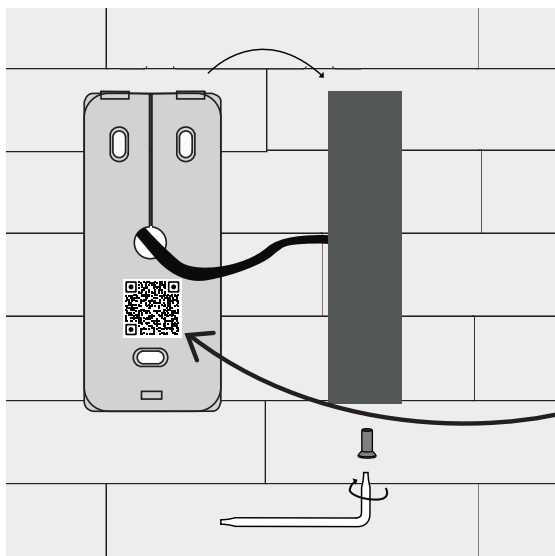
2 Performance Parameter

Body material:	Zinc Alloy
Card type:	EM & HID Cards(125Khz) Mifare Card (include Mifare & CPU,13.56Mhz,ISO14443A)
Reading range:	125KHz: ≤5cm 13.56MHz:≤2cm
Output format:	Wiegand 26-37bit Default 26bit, Customize for other format)
Input voltage:	DC12V±10%
Quiescent current:	≤35mA
Operating temperature:	-20~50°C
Operating humidity:	0~95%
Dimension:	Slim: 103* 48* 22mm, Round: 83* 83* 27.3mm, Wide: 120* 83* 22 5mm
Ingress Protection:	IP68

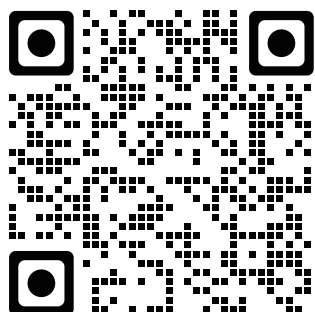
3 Wires and instruction

Serial No.	Color	Definition	Instruction
①	Red	+12V	Positive pole
②	Black	GND	Negative pole
③	Green	D0	Wiegand output
④	White	D1	Wiegand output
⑤	Brown	LED	Green LED control
⑥	Yellow	BZ	Buzzer control input

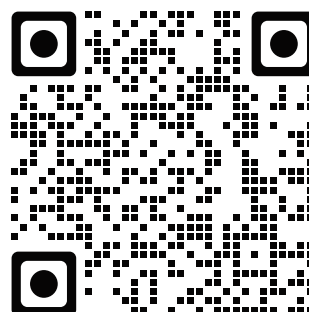
4 E-instruction



Please unpack the shell of mReader with L wrench and scan the QR code on the back shell to get an E-instruction if you lost the physical one



E-Instruction



Introductory Video