

Tablet Reader

Product Introduction

The tablet reader is specifically designed for reading small quantity electronic tags. There are exquisite acrylic series and Anti-friction series. Some of them own anti-metal function and can read small electronic tags stably in metal surrounding. These series are widely applied in library/archive management, jewellery inventory, drug management, counter settlement, etc.

Exquisite Acrylic Series: RD102BL, RD202BL-U, RD202B / RD202B-U

Anti-friction Series: TPAD20 L, TPAD20 M, TPAD10 M



RD102BL, RD202BL, RD202B



RD202BL-U, RD202B-U



TPAD20 L, TPAD20 M, TPAF10 M

(Remark: The three models have the same appearance and different dimension, L = Large, M = Medium)

Main Characters

- Operating Frequency: 13.56 MHz
- Compatible Protocols: ISO15693 and ISO18000-3
- Adjustable RF Power: 0.25 - 1.5W
- Anti-metal design, the performance will not be affected when place on the metal desktop
- With quickly anti-collision algorithm, the identify speed can up to 50pcs/sec
- Reading Distance: 20 – 45 cm (The distance is related to the cards character)
- Support noise detection, can detect whether there is interference around
- Be capable of automatically turning off RF on standby
- Integrated design, built-in read/write module and antenna.
- Communicate Interface: RS232 / USB
- Power supply: 12V DC, <400 mA or USB5V (TPAD10M).
- Woke modes: hostmode, scanning mode (setup through software)

Main Parameters of Acrylic series

Model No	RD102BL	RD202BL D202BL-U	RD202B RD202D-U
Parameters			
Operating Frequency	13.56 Mhz		
Compatible Protocols	ISO15693, ISO18000-3		
RF Power	0.2W	0.25 – 1.5W	

Communicate Interface	RS232	RD202BL: RS232 RD202BL-U: USB	RD202B: RS232 RD202B-U: USB
Reading Distance	18 cm	40 cm	50 cm
Misreading Range	< 1 cm	< 10 cm	< 16 cm
Voltage	12V DC		
Max Power Consumption	0.6 W	3.5 W	3.5 W
Anti-metal Design	Yes	Yes	No
Noise Detection	No	Yes	
Housing Material	Acrylic and aluminium alloy		Acrylic
Dimensions (L x E x H mm)	410 x 300 x 29		
Weights (g)	3150	3150	2120

Main Parameters of Anti-friction series

Model No	TPAD10 M	TPAD20 M	TPAD20 L
Parameters			
Operating Frequency	13.56 Mhz		
Compatible Protocols	ISO15693, ISO18000-3 ISO14443A	ISO15693, ISO18000-3	
RF Power	0.2W	0.25 – 1.5W	
Communicate Interface	USB (support VSP or HID)		
Reading Distance	5 - 20 cm	30 cm	41 cm
Misreading Range	< 1 cm	< 6 cm	< 10 cm
Voltage	5V DC (USB power supply)	DC 12V	

Max Power Consumption	1 W	3.5 W	3.5 W
Anti-metal Design	Yes		
Noise Detection	Don't support	Support	
Housing Material	PDB and aluminium alloy		
Dimensions (L x E x H mm)	379.5 x 290 x 20.7 mm		464.5 x 365 x 20.7 mm
Weights (g)	2400		3700