

PAD READER

Model:

RD102BL, RD202BL / RD202BL-U, RD202B / RD202B-U
TPAD20 L, TPAD20 M TPAD10 M

The PAD 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 RFID tags stably in metal surrounding. These series are widely applied in library/archive management, jewelry inventory, drug management, counter settlement, etc.

Main Features

- ▶ Operating Frequency: 13.56MHz
- ▶ 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 Range: 15~41cm (The distance is related to the card's 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, ≤400mA or USB 5V
- ▶ Work modes: Host mode, scanning mode (setup through software)



RD102BL、RD202BL、RD202B



RD202BL-U、RD202B-U



TPAD20 L



TPAD20 M、TPAD10 M

Technical Specification			
Model Name	RD102BL	RD202BL RD202BL-U	RD202B RD202B-U
Operating Frequency	13.56Mhz		
Compatible Protocols	ISO15693,ISO18000-3		
RF Power	0.2W	0.25~1.5W (Adjustable)	
Communicate Interface	RS232	RD202BL : RS232	RD202B: RS232
		RD202BL-U : USB	RD202B-U: USB
Reading Range	18cm	40cm	50cm
Misreading Range	≤1cm	≤10cm	≤16cm
Voltage	12V DC		
Max Power Consumption	0.6W	3.5W	3.5W
Anti-metal Design	Yes	Yes	No
Noise Detection	No		Yes
Housing Material	Acrylic and aluminium alloy		Acrylic
Dimensions	410*300*29mm		
Weight(g)	3150g	3150g	2120g

Technical Specification			
Model Name	TPAD10 M	TPAD20 M	TPAD20 L
Operating Frequency	13.56Mhz		
Compatible Protocols	ISO15693/ISO18000-3 ISO14443A/B/ISO18000-3M3	ISO15693/ISO18000-3	
RF Power	0.2W	0.25~1.5W (Adjustable)	
Communication Interface	USB(compatible VSP or HID)		
Reading Range	15~24cm	35cm	41cm
Misreading Range	≤1cm	≤6cm	≤10cm
Voltage	5V DC (USB power supply)	12VDC	
Max Power Consumption	1 W	3.5 W	
Anti-metal Design	Yes		
EMI Detection	Don't Support	Support	
Housing Material	PCB and aluminium alloy		
Dimension	379.5*290*20.7mm		464.5*365*20.7mm
Weight(g)	2400g	2500g	3700g

