

HF PROXIMITY READER

Model: RL153, RL155, RL173, RL175
RL17W, RL861, RL863

Andea HF Proximity Readers include single-protocol and multi-protocol series. Single-protocol series is compatible with ISO15693 or ISO14443A, and multi-protocol series is compatible with ISO15693, ISO18000-3 and ISO14443A/B simultaneously. Multi-protocol series supports collision-resistance algorithm and can read several tags with different protocols simultaneously.

Application:

Desktop Card Issuer, Access Controller, Electronic Bill, Library, Finance, etc.

Main Features

- ▶ Operating Frequency: 13.56Mhz
- ▶ Compatible Protocols: ISO15693, ISO18000-3M3 and ISO14443A
- ▶ Compatible Tags: I Code ILT/I Code SLI/I Code SLIX/I Code SLIX2; NTAG21x (NFC), MIFARE Classic® 1K/4K, MIFARE Ultralight®, MIFARE Ultralight C®, MIFARE Ultralight EV1®; TI tag-it HF Plus/TI tag-it HF Pro/Tag-it HF standard
- ▶ Be capable of simultaneously reading lots of ISO14443A protocol tags
- ▶ Be capable of simultaneously reading lots of ISO15693 protocol tags
- ▶ Be capable of simultaneously reading lots of ISO18000-3M3 protocol tags (Zero-distance overlap read is possible)
- ▶ Reading Distance: 0-20cm
- ▶ Communication Interface: RS232/RS485/USB/WG26/WG34



RL153



RL155



RL173



RL175



RL17W



RL861



RL863

Technical Specification

Model Name	RL153	RL155
Operating Frequency	13.56Mhz(± 7Khz)	
Compatible Protocol	ISO14443A	
Interface	USB	
Reading Range	7cm	7cm
Voltage	5V DC (USB power supply)	
Maximum Power Consumption	0.5W	0.6W
Dimension	105*70*10mm	140*100*30mm
Weight	46g	120g

Technical Specification

Model Name	RL173	RL175	RL17W
Operating Frequency	13.56Mhz(± 7Khz)		
Compatible Protocol	ISO15693		
Interface	USB	USB	RS232/RS485/WG26/WG34
Reading Range	16cm	16cm	16cm
Collision-resistance	support	support	support
Voltage	5V DC (USB)	5V DC (USB)	12V DC
Max Power Consumption	0.65W	0.65W	0.68W
Dimension(L*W*H)	105*70*10mm	140*100*30mm	120*80*20mm
Weight	46g	120g	135g

Technical Specification

Model Name	RL861	RL863	
Operating Frequency	13.56Mhz(± 7Khz)		
Protocol Supported	ISO18000-3M3, ISO15693, ISO14443A/B		
Compatible Tags	I Code ILT/I Code SLI/I Code SLIX/I Code SLIX2; NTAG21x (NFC), MIFARE Classic® 1K/4K, MIFARE Ultralight®, MIFARE Ultralight C®, MIFARE Ultralight EV1®; TI tag-it HF Plus/TI tag-it HF Pro/Tag-it HF standard		
Interface	USB		
Reading Range	ISO15693	8cm	16cm
	ISO14443A/B	5cm	10cm
	ISO18000-3M3	4cm	6cm
Collision-resistance	support	support	
Voltage	5V (USB)	5V (USB)	
Maximum Power	0.48W	0.65W	
Dimension	50*45*10mm	105*70*10 mm	
Weight	18g	53g	