



Shenzhen AllGood Sci & Tech Co., Ltd.

An AllGood-Group Company, Choose AllGood, Choose All Good.

Address: Huichao technology building, Xixiang street Jin Hai road, Baoan district, Shenzhen

www.allgood-group.cn

www.allgood-rfid.com

HF Proximity Reader

Product Description

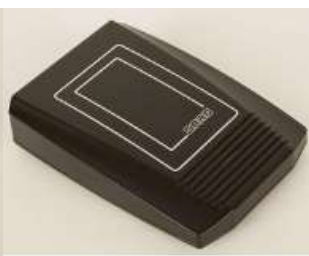
AllGood HF Proximity Readers include single-protocol and multi-protocol series. Single-protocol series is compatible with ISO15693 or ISO1443A, and multi-protocol series is compatible with ISO15693, ISO18000-3 and ISO14443A/B simultaneously. Multi-protocol series supports collision-resistance algorithm and can read several tags with different protocols simultaneously.

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

Product Picture



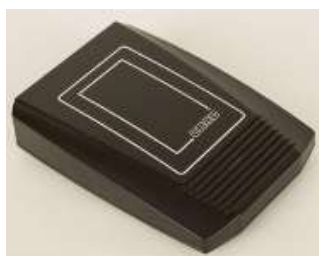
RL153



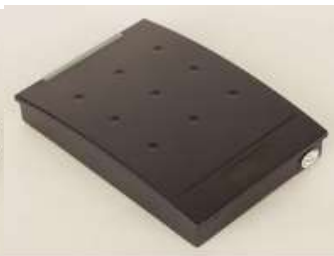
RL155



RL173



RL175



RL17W



RL861



RL863

Technical Specification

Operating Frequency: 13.56Mhz



Shenzhen AllGood Sci & Tech Co., Ltd.

An AllGood-Group Company, Choose AllGood, Choose All Good.

Address: Huichao technology building, Xixiang street Jin Hai road, Baoan district, Shenzhen

www.allgood-group.cn www.allgood-rfid.com

Compatible Protocols: ISO15693, ISO18000-3M3 and ISO14443A

Compatible Tags: I Code LT/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

Main Parameters of ISO14443A Series

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

Main Parameters of ISO15693 Series

Model Name Specification	RL173	RL175	RL17W
Operating Frequency	13.56Mhz(±7Khz)		



Shenzhen AllGood Sci & Tech Co., Ltd.

An AllGood-Group Company, Choose AllGood, Choose All Good.

Address: Huichao technology building, Xixiang street Jin Hai road, Baoan district, Shenzhen

www.allgood-group.cn

www.allgood-rfid.com

Compatible Protocol	ISO15693		
Communication Interface	USB	USB	RS232/RS485/WG26/34
Reading Range	16cm	16cm	16cm
Collision-resistance	Support	Support	Support
Voltage	5V DC (USB power supply)	5V DC (USB power supply)	12V DC
Maximum Power Consumption	0.65W	0.65W	0.68W
Dimension (L*W*H)	105* 70*10 mm	140*100*30 mm	120*80*20 mm
Weight	46g	120g	135g

Main Parameters of Multi-protocol Series

Model Name Specification		RL861	RL863
Operating Frequency		13.56Mhz(±7Khz)	
Compatible Protocol		ISO18000-3M3、ISO15693、ISO14443A/B	
Compatible Tag		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; FM1208	
Communication Interface		USB	
Reading Distance	ISO15693	8cm	16cm
	ISO14443A/B	5cm	10cm
	ISO18000-3M3	4cm	6cm
Collision-resistance		Support	Support
Voltage		5V (USB power supply)	5V (USB power supply)
Maximum Power		0.48W	0.65W



Shenzhen AllGood Sci & Tech Co., Ltd.

An AllGood-Group Company, Choose AllGood, Choose All Good.

Address: Huichao technology building, Xixiang street Jin Hai road, Baoan district, Shenzhen

www.allgood-group.cn

www.allgood-rfid.com

Consumption		
Dimension (L*W*H)	50*45*10mm	105*70*10mm
Weight	18g	53g