



RF-HZ100L



The RF-HZ100L series is a high frequency integrated industrial-grade RFID read/write head that supports RS485 or Ethernet and can use the standard MODBUS communication protocol. Using 2 M6 nuts to fix, this series of products have good reading performance, long distance, high protection level, suitable for all walks of life automated production process.

■ Product Specifications

Specifications	Model	RF-HZ100L-R4	RF-HZ100L-TP
	Reading distance	0~150mm (Related to the data carrier)	
	Communication Interface	RS485	RS232
	Communication Protocol	MODBUS RTU	MODBUS RTU
	Baud-rate	9600 ~ 115200bit/s	
	Voltage	9~30VDC	
	Average current	<0.07A@24VDC	
	Indicator light	5 LED indicator	
Physical parameters	Dimensions	100×100×38.5mm	
	Product Interface	M12 Acode 5PIN male connector	M12 Acode 8PIN male connector
	Fixed type	2 M6 threaded hole	
	Shell material	PC+ABS	
	Shell color	Black	
	Total Weight	About380g	
RFparameter	wireless protocol	ISO 15693	
	Working frequency	13.56MHz	



	Output power	27.5dBm
	Wireless Baud-rate	26.48Kbit/s
Application Environment	Operating temperature	-25 °C ~ +70 °C
	Storage temperature	-40 °C ~ +85 °C
	Humidity	5% ~ 95%RH (no condensation)
	IP degree of protection	IP67, EN60529
	Anti-vibration	2 mm (f= 5...29.5 Hz) , EN 60068-2-6 7 gn (f= 29.5...150 Hz), EN 60068-2-6
	RF Field Conducted Immunity Test CS	3V, over Class A (including main frequency) 10V, over Class A (except main frequency)
	Electrostatic Discharge Immunity ESD	Contact discharge, 8 KV, over Class A Air discharge, 15 KV, passed Class A IEC 61000-4-2
Certification and Declaration	CE	ETSI EN 301 489-3, ETSI EN 300 330-1 ETSI EN 301 489-1, ETSI EN 300 330-2
	FCC	FCC PART 15C
	RoHS Directive	2011/65/EU, 2015/863/EU

■ Dimensions

