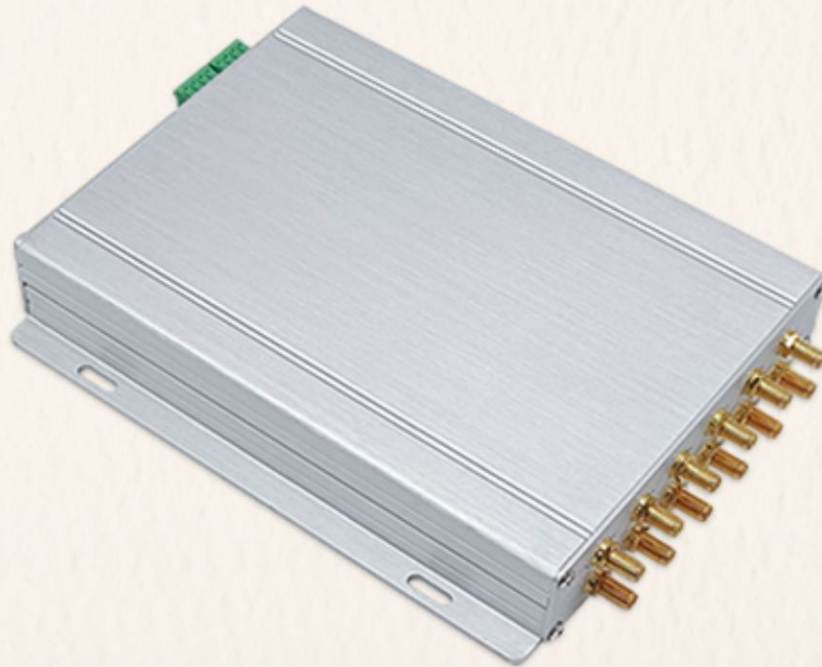




RS-RD5201



RS-RD5206



RS-RD5212

ISO 15693 HF RFID Fixed Reader



SKU:	RS-RD52
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 15693, ISO/IEC 18000-3
Read Range:	Up to 1 m
Interface:	RS232, RS485, USB: HID Custom / HID Keyboard / VCP/Ethernet

The high-power HF RFID reader offers exceptional sensitivity for both reading and writing, coupled with rapid anti-collision processing algorithms. It integrates multiple communication interfaces, including Ethernet, USB, RS232, and RS485, ensuring versatile connectivity for various systems. This makes it a reliable solution for RFID integration projects that demand high performance in reading and writing.

With stable performance, this reader excels in scenarios where large quantities of densely packed RFID tags need to be read or long-distance reading is required. It is widely used in industries such as jewelry management, chip management, production automation, and access control, making it an ideal choice for applications with stringent RFID requirements.

Physical Information	Type	RS-RD5201	RS-RD5206	RS-RD5212
	Antenna Interface	SMA×1	SMA×6	SMA×12
	Dimensions	200×168×33 mm		
	Shell Material	Aluminum alloy		
	Antenna Port	Direct current output		
	Communication Interface	RS232, RS485, USB: HID Custom / HID Keyboard / VCP/Ethernet		
	Power Interface	Threaded DC 2.1 mm		
	Radio Frequency Output Power	4W (default), adjustable from 1W to 8W		
	Power Supply Voltage	12±1V DC		
	Maximum Power Consumption	35W		

Technical Information	Frequency	13.56MHz
	Protocol	ISO/IEC 15693, ISO/IEC 18000-3
	Read Range	Up to 1 m
	Reading Speed	70 pcs/sec
	Automatic Shutdown Function	Turning off the radio frequency when idle
	Inventory Buffer (Max)	700UID
	Inventory Buffer (Max)	Supported three kinds of levels
	Circuit Output/Input	1 relay output, 1 MOS tube output, and 1 optocoupler input; 4 GPIOs
	Operating Mode	Host command mode, Automatic read mode
	Restore to Factory Settings	Support
	Detection	Support SWR/Noise/RSSI Data detection
	System Error Notification	By indicator
	Automatic Protection Function	Preventing overheating, overcurrent and short-circuiting

Additional Information	Operating Environment	-20°C~+50°C, 20%~80% RH, non-condensing
	Storage Environment	+18°C~+28°C, 10%~95% RH, non-condensing
	Industry	Retail, Healthcare, Hospitality, Catering, Events
	Application	Security and Identity Verification, Smart Parking, Access control, Checkout, Anti-counterfeiting verification, Production line management

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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