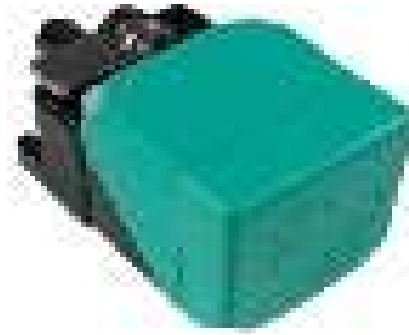# HF RFID
Industrial Reader
RGR-I40-HF Reader

(1) Protection grade: IP67 meets the harsh industrial production line environment;

(2) Fully support conforming to ISO 15693/14443A standards;

(3) Operating frequency 13.56MHz;

(4) Support RS485;

(5) The card reading distance is 0~80mm (depending on tag size);

(6) Support 24V voltage input;

(7) Upgrade mode: serial port upgrade;

(8)The LED flashes to indicate the working state, which is convenient for users to control the working state of the product.

(9) ESD performance: air discharge ± 10KV, contact discharge ± 8KV;

(10)It is applicable to production line, food processing automatic production line, automatic sorting system, parts assembly line and other industrial fields.

production line

auto part management

Machine tool management

Description	
Model	**RGR-I40-HF**
Performance	
NFC RF chip	ZC100
Protocol	ISO 15693 / ISO 14443A
Frequency	13.56MHz
Distance	0~80mm(depends on tag)For example, Ø30 industrial label, recognition distance 60mm
Antenna	PCB integrated antenna
Communication interface	RS485
Demo	SDK
Communication rate	Serial port rate 9600ÿ115200bp
Indicator	LED indicator (orange)
Firmware update	Scalable upgrade mechanism
SDK	API development kit and C, C # and Java application routines are provided
Mechanical and electrical performance	
Size	40*40*45mm
Power Supply	Working voltage DC24V
Power consumption	Maximum power consumption 2W,
Communication cable	M12 female harness
Weight	About 60g (complete set)
Humidity	5% ~ 95%, non-condensing
Degree of protection	IEC IP67
Working temperature	-40ºC ~ +70ºC
Storage temperature	normal atmospheric temperature