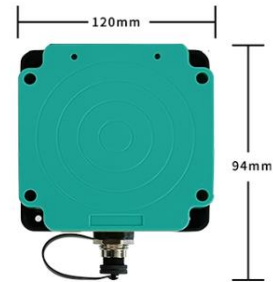


HF Industrial Reader VI-IR610P-HF



Product Features

- (1) Industrial design, durable and suitable for harsh industrial production line environment;
- (2) Full support for electronic tags that comply with the ISO 15693/ 14443A standard;
- (3) Working frequency 13.56MHZ;
- (4) Support VANCH VUP protocol, support ModbusTCP, ModbusRTU protocol, support TCP/UDP protocol;
- (5) Card reading distance
ISO15693: The maximum card reading distance is 110mm ,
The maximum card writing distance is 100mm (industrial diameter 30mm label) ;
ISO 14443A : The maximum reading distance is 60mm ,
The maximum card writing distance is 50mm (white card label) ;
- (6) The communication method supports 10/100M network port communication, WiFi (optional), and supports RS232/RS485 serial port communication;
- (7) Communication interface (GPIO logic control): 2-way output, 2-way input control;
- (8) Power supply supports wide voltage DC9~24V, maximum current 3A;
- (9) The read/disk mode supports continuous (automatic), command, and trigger mode; data reporting mode: cache, timing, and immediate mode;
- (10) Upgrade method: ① serial port upgrade, ② network port upgrade;
- (11) The LED flashes to indicate the working status, and the buzzer sounds, which is convenient for users to control the working status of the product.
- (12) Communication interface with isolation protection, key communication interface lightning protection and anti-static;
- (13) Temperature protection: temperature compensation function is supported in extremely cold regions (optional);
- (14) It is suitable for industrial fields such as production line, food processing automatic production line, automatic sorting system, parts assembly production line, etc.



Operation assembly line



Auto parts management



Machine tool management

Specifications

Specifications describe	
Product Model (Order Code)	VI-IR610P-HF
Performance	
NFC radio frequency chip	ZC100
air protocol	ISO 15693 / ISO 14443A
working frequency	13.56MHz
Reading distance	1 ISO15693 : 110mm ISO 14443A: 60mm (depending on label)
Write distance	ISO15693 : 100mm ISO 14443A: 50mm (depending on label type)
Label RSSI	support
antenna	PCB integrated antenna
Communication Interface	RJ45 , RS232, RS485
Protocol	ModbusTCP, ModbusRTU, TCP/UDP protocols
W i F i (optional)	Support IEEE 802.11n/b/g
Heating device (optional)	Low temperature automatic heating (minus 5°) is optional (determined according to the project site environment)
communication rate	Serial port communication rate 9600~115200bps, RJ45 communication rate 10/100 Mbps
working status	LED indicator light, buzzer
Reliable Firmware Upgrades	Scalable upgrade mechanism
General Purpose Input/Output (GPIO)	2- way input, 2- way output
application software interface	Provide API development kit and C , C# and Java application routines
mechanical and electrical properties	
size	95 (L)* 95 (W)* 40 (H)mm
power supply	Working voltageDC9~ 24V
power consumption	Maximum power consumption 3W, maximum starting current 1A
Communication Harness	Industrial connection tail wire one for five
weight	Approx. 1.1 kg (whole set)
humidity	5% ~ 95%, non-condensing
degree of protection	IEC IP67
Operating temperature	- 4 0°C ~ + 85°C
storage temperature	room temperature

Product size chart:

