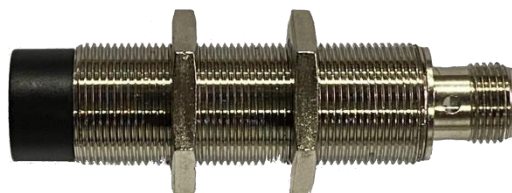


# HF RFID Industrial high frequency reader VI-IR18



## Product Features

- (1) Protection class: IP67 Compliant with harsh industrial production line environments.
- (2) Full support for ISO 15693/ 14443A compliant electronic tags.
- (3) Operating frequency 13.56MHZ.
- (4) Support for Vanch VUP protocol and RS485.
- (5) Reading distance 0-50mm (depending on the tag).
- (6) Support 24V voltage input.
- (7) Upgrade mode: serial port upgrade.
- (8) LED flashing to indicate the working status, convenient for users to control the working status of the product.
- (9) ESD performance: air discharge  $\pm 10KV$ , contact discharge  $\pm 8KV$ .
- (10) Suitable for production lines, food processing automation lines, automated sorting systems, parts assembly lines and other industrial fields.



Workflow lines



Automotive parts management

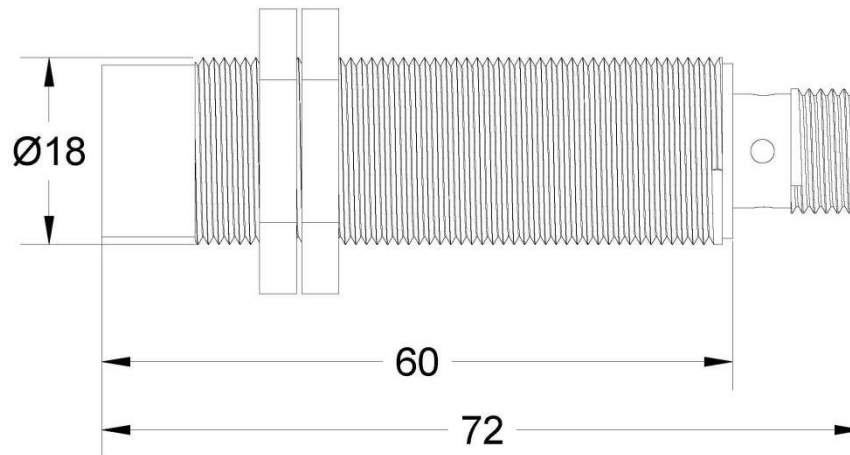


Machine tool management

## Specifications

Description	
Product type (order code)	VI-IR18-HF
Performance Indicator	
NFC RF chip	ZC100
Air interface Protocol	ISO 15693 / ISO 14443A
Operating frequency	13.56MHz
Reading distance	0~50mm(depending on tag) For example, Ø30 industrial tag, recognition distance 35mm
Antenna	PCB integrated antenna
Communication interface	RS485
Communication protocol	VUP protocol
Communication rate	Serial communication rate 9600~115200bp
Operating status	LED indicator (orange)
Reliable firmware upgrade	Scalable upgrade mechanism
Application software interface	API development package and C, C# and Java application routines available
Mechanical Electrical Performance	
Size	φ 30*60mm
Power supply	Operating voltage DC24V
Power consumption	2W max
Communication harness	M12 female harness
Weight	Approx. 60g (complete set)
Humidity	5% ~ 95%, non-condensing
Protection class	IEC IP67
Operating temperature	-40°C ~ +70°C
Storage temperature	Ambient temperature

### Product size :



VI-IR18-HF