

# RFID Smart Tool Kit AI-RF-B2



## Description

The RFID smart toolkit uses UHF RFID and 5G communication technology and is designed for applications such as aviation aircraft maintenance, fire protection, nuclear power, railway rail transportation, and industrial production and manufacturing. Install an RFID tag with a unique identification number for each tool. Through RFID automatic identification equipment, fully automatic counting, recording and finding tools have changed the traditional tedious manual counting and paper verification, which greatly saves the time of counting and searching tools. , improving business efficiency. 100% accuracy can effectively prevent and eliminate accidents in aviation, nuclear power and industrial enterprises.

The RFID smart tool kit is equipped with an LED screen to display the current quantity in real time and a vibration sensor. When leaving the site, if the quantity of tools does not match the quantity when entering, an alarm will be automatically triggered to remind you.

RFID smart tool kit is used for railway line maintenance tool management, aviation aircraft maintenance tool management, high-speed railway maintenance tool management, power safety tool management, etc.

## Parameters

Main Specifications	
Product Model	AI-RF-B2
Performance Parameters	
Operating System	Windows (optional Android)
Industrial Control Configuration	I5, 4G+128G (RK3399, 4G+16G)
Identification Method	Radio Frequency Identification (UHF RFID)
Reading Time	50 tools in 2 seconds
UHF RFID	
Frequency Range	840MHz-960MHz
RF Protocol Standards	ISO 18000-6C (EPC C1 G2)
RFID Main Chip	Impinj R2000
Bluetooth	Standard
Physical Parameters	
Overall Size	400mm (L)*350mm (W)*200mm (H)
Material	EVA
Screen	4.3-inch LED screen
Communication Interface	Type-C
Fixed/Mobile Mode	portable
Power Supply	
Power Input	DC 12V
Development Support	
Development Support	SDK development kit
Development Language	JAVA,C#
Working Environment Parameters	
Operating Temperature	0-60°C