

Wearable Bluetooth UHF RFID Reader VH-B74



Product Feature:

1. VH-B74 is a well-designed wearable Bluetooth UHF RFID reader, compact and exquisite, easy to use. It can be equipped with a wrist strap or armband, can also be connected to mobile phones, tablets and other devices by magnetic attraction. The battery can be replaced;
2. Can connect to Android / IOS devices via VANCH "Bluetooth Assistant" APP for device operation control;
3. Excellent UHF RFID performance, reading distance over 9 meters, dustproof, waterproof, shock and drop resistance;
4. Fully apply to the application of warehouse management, power inspection, asset management, retail and other industries;
5. While helping users improve efficiency, free their hands and work more conveniently.



Product Parameters:

Model No.	VH-B74
Performance Index	

Dimension	108 mm x 78 mm x 18 mm
Weight	200g
Interface	Type C, USB
Keypad	ON/OFF, SCAN
Battery	2000 mAh, removable
	Max charging current 5 V / 1.5 A
	Charging time about 2 hours
Indicators	Charging indicator (red indicator light is always on when charging)
	Full power indicator (green indicator light is always on when fully charged)
	Battery indicator (when the battery is greater than 20%, the blue indicator is always on; when the battery is less than 20%, the blue indicator is always flashing.)
	Bluetooth connection status indicator (when the light is off, the Bluetooth status is unpaired; when the light is on, the Bluetooth status is paired.)
	Work indicator light (when the label is scanned, the indicator light flashes once)
Development Environment	
System	Supply Android/IOS SDK
Security	Support RFID encryption module (reserved)
Working Environment	
Operating temp.	-20°C to 50°C
Storage temp.	-40°C to 70°C
Humidity	5% RH- 95%RH (non-condensing)
Protection grade	Waterproof, dustproof, enclosure protection grade IP65

Drop standard

Resistance to 12m natural drop

Data Communication

Type C USB

Data communication through USB connection

Bluetooth

Support Bluetooth 4.0, cooperate with APP or SDK to realize user information interaction

UHF RFID

RFID module

VM-61, based on Impinj Indy R2000 chip

Antenna

Circular polarization (3dBi)

Frequency

920-925MHz/902-928MHz/865-868MHz

Protocol

EPC C1 GEN2/ ISO18000-6C

Power

1W (30dBm, support +5~ +30dBm adjustable)

Optional 2W (33dBm, work for Latin America and etc.)

Reading distance

>9 meters (outdoor open environment, Impinj MR6 label)

Group read rate

Up to 900 tags/sec

***The reading distance and group reading rate are related to the actual environment.**

Accessories

Standard accessories

Chinese/European/British/American power adapter optional, 100-240V input, 5V2A output,
used with data cable DC-R5-USB

Optional accessories

Wristbands, armbands, magnetic pad, etc.

USB cable



Battery



Wrist Strap



Magnetic Pad

