



Wearable BT UHF Reader

This is our refined and new generation wearable Bluetooth UHF reader. Being a compact and portable device, it can be operated together with gloves, wristbands, or lanyards and make your work much more flexible and convenient. With a built-in UHF module, the reader possesses a powerful data-collection and transmission function via a simple Bluetooth connection with Android/iOS devices. Removable battery and fast charging capability enable it to achieve work continuity for a long duration. Besides, this tiny device has the protection features like dustproof, waterproof, shockproof, and drop resistance. All these functions make it a most adaptable device in a wide spectrum of circumstances such as logistics & express delivery, retail store management, warehouse management, power patrol inspection, asset management, e-commerce picking, and tickets checking, etc. helping users free their hands and significantly improve work efficiency.



Specification

Physical Characteristics		User Environment	
Dimensions	50 x 62 x 19 mm / 1.97 x 2.44 x 0.75 in.	Operating Temp.	-20 °C to +50 °C
Weight	64 g / 2.26 oz. (with glove: 90 g / 3.17 oz.)	Storage Temp.	-40 °C to +70 °C
Color	Yellow, Blue, Gray	Humidity	5% RH - 95% RH non condensing
Port	USB Type-C	Dropping	1.5m dropping on concrete
Button	ON/OFF, SCAN	Sealing	IP65
Battery	1200 mAh (removable)	UHF	
Charging Current	5 V / 1.5 A	Engine	Based on Impinj E Series chips
Charging Duration	1 hours	Antenna parameter	Linear Polarized Antenna
LED Indicator	Red indicator will be ON when charging;	Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
	Blue indicator will be ON when device has been fully charged;	Protocol	EPC C1 GEN2 / ISO18000-6C
	Green indicator will be ON when battery is higher than 20%;	Power	0.5W (27dBm, support +19-27dBm adjustable)
	Green indicator will flash when battery is lower than 20%;	R/W range	80 cm
	Bluetooth is not paired when bluetooth indicator is OFF;	*Range depends on tags and environment	
	Bluetooth is paired when bluetooth indicator is ON	Accessories (Optional)	
Performance			
MCU	Cortex-M3 72MHz	Glove, wristband, lanyard, charging cradle for battery	
Developing Environment			
SDK	Android / IOS SDK Supported		
Security	RFID Encrypted Module (reserve)		
Communication			
USB Type C	USB connection to realize data transfer		
BT	Bluetooth Low Energy (BLE) 5.0		