



RP901

UHF RFID Pocket Reader

The Unitech RP901 takes the chore out of scanning UHF tags by using the latest in radio frequency identification (RFID) technology. RFID tags can be read at a distance, can pick up multiple tagged items, and greatly reduce your scanning times as it allows you to identify objects via wireless communication. Unique from typical RFID readers, this pocket-sized UHF RFID reader is the first of its kind because of its grippable size. It communicates with iOS, Android, and Windows mobile devices via BT wireless technology and works in a variety of applications such as retail in-store item-level tagging and enterprise asset management.

Compact UHF RFID Device

Standing at 4.2 inches and weighing 4 ounces, the RP901's small size fits nicely in shirt pockets and back pockets for on-the-go data collection. It operates on single or multiple scanning mode for superior UHF reads with its compressed, high performance antenna. A single 4-hour battery charge lasts a full shift with up to 6,000 reads per charge. A three-foot reading range empowers you with the ability to scan hard-to-reach tags.

Intuitive and Easy to Use

Never miss a tag due to out-of-range scanning. The RP901 stores up to 2MB of data when a wireless signal isn't detected. Single-button operation allows you to batch upload or transmit information seamlessly to Bluetooth-enabled devices. This pocket reader displays various colored LED signals to indicate communication, battery level, and collection statuses. The RP901 features a built-in, changeable lithium battery that charges powerfully fast by utilizing a micro USB charger stand.

Wireless Communications

Integrating BT 2.1 wireless technology, this UHF pocket reader effortlessly pairs to desktop computers and multiple mobile devices including consumer smart phones, tablets, and computers running on Windows, Android, and iOS. The device's compact portability permits a wide operating range of up to 32 feet from the host, giving you plenty of freedom of movement. Additionally, the RP901 reader's rugged design, 5-foot drop rating, and IP42 environmental seal adds to its take anywhere usability.

Main Features:

- User-friendly, pocket-sized device
- Supports multi-protocol ISO 18000-6C, EPC Class 1 Gen 2
- Multiple frequency bands (EU 868 MHz, US 915 MHz)
- Bluetooth 2.1 pairing
- 5-foot drop protection
- IP42 rated
- High capacity rechargeable lithium battery
- Over 6,000 scans on a single battery charge

System

Memory	2MB
Operation Voltage	3.7VDC
Battery	3.7V, 1100mAh, lithium Battery
Battery Life	6,000 scans
Charge Time	4hrs (fully charged)

Reader Performance

Frequency	860MHz ~ 960MHz (By country defined)
RFID protocol	EPC global Class1 Gen 2, ISO/IEC 18000-6C
Antenna	UHF compact antenna
Read Mode	Multiple tag / single tag mode
Reading Distance	up to 100 CM (depends on RFID tag)

Mechanical

Dimensions	4.4" L x 2.1" W x 1.1" H (109.3mm L x 54.1mm W x 28.1mm H)
Weight (with battery)	3.7 oz (106g)
Material	PC

Environmental

Operating Temperature	14° F to 122° F (-10° C to 50° C)
Storage Temperature	-4° F to 140° F (-20° C to 60° C)
Humidity	0% to 95% (non-condensing)
IP Rating	IP42
Drop Durability	5 feet (1.5M)

Communication / Indicators

Radio	BT 2.1 + EDR
Range	10m (line of sight)
Interface/Profile	BT (SPP/HID), micro USB (HID/VCP)
Indicators	LED indicator / trigger & function buttons / Vibrator / audible tone

Regulatory

EMC	CE, FCC, BSMI, CCC
RF	CE, FCC, NCC, SRRC
ESD	Functional after 4KV contact, 8KV air discharge

Accessories

Battery pack, micro USB to USB cable, wrist strap, 1 & 5 slot charging cradle (optional)



Battery Pack



USB Cable



Wrist Strap



1-Slot
Charging Cradle



5-Slot
Charging Cradle



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www.unitechbarcode.com

Unitech America, Inc. | 6182 Katella Avenue | Cypress, CA 90630
714-891-6400 ph | 800-861-8648 toll | 714-891-5050 fx