RG760

UHF RFID Gun Grip

RAIN RFID

Reading up to 8M | 750 tags /second | Lightweight | Android SDK

The PA760 in the picture is not included.

The RG760 is a lightweight UHF RFID reader and equipped with thee intuitive and handheld sled design, it is a smart device to add UHF RFID function to PA760 rugged touch computer. It has the ability to read and write major RFID tags including EPC Class1 Gen2 V2 standards and offers an easy way for users to streamline the work process in the warehouse, facilities inspection in field service, and shipment management in transportations.

Empowering PA760 for RFID/UHF applications

User-friendly operation with a sled enclosure, the RG760 gives the flexibility to staff that can easily add or remove the device depend on different situations. For use in small to medium businesses with busy warehouses and work spaces, staff can optimize the PA760 with the addition of the UHF RFID gun grip and makes it possible to scan a large number of RFID tags and greatly improve inventory efficiency.

Durable Design

With a read range of up to 8 meters and read rate of up to 750 tags per second, the RG760 exudes both efficiency and convenience. It also enhances the industrial durable protection with features including IP52 dustproof, waterproof and 1.2 meters resistant to fall protection.

Take your productivity to the next level

The utilities aim to take your mobile agility and productivity to the next level.

[RFID2KEY Utility]

- **Scan-to-Keyboard**
  Thanks to the powerful utility, just press the trigger of RG760 and it can simultaneously transmit the barcode or RFID tags data into different Android devices.
- **Easy to switch between barcode and RFID mode**
  This RG760 reads all 1D and 2D barcodes when paired with the PA760. Just toggle between modes, the device can be easily switched to barcode or RFID mode allowing store associates to have a clear view of the inventory to support customers immediately.
- **Easily Settings, Export & Import**
  The RG760 provides the flexibility for administrators to manage RFID configuration and it can be deployed a group of configurations via exported / imported feature that brings higher efficiency for your business.

[RFID Reader Utility]

- **RFID Reader:**
  It delivers sample source code for demonstrating the use of RFID Android SDK. Easily perform basic RFID inventory, tag operations and the RG760 allows users to locate tags and finding the item which is misplaced in wrong area. Ideal for asset management, order picking, and inventory cycle count.

Features

- User-friendly operation with a sled enclosure
- Standards supported: EPC Class1 Gen2 V2
- Reading up to 8 meters away
- Fastest Read Rate: 750 tags/second
- IP52 dustproof, waterproof and 1.2 meters resistant to fall protection
- Provide RFID Reader Utility: RFID2Key & Android SDK
- Safety certificates: FCC, CE, TELEC, NCC

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RG760
Specifications

▶ Physical Characteristics

Dimension	156 (L) * 85(W) * 159 (H) mm
Weight	270g (without terminal)
Electronic Type	Connected with PA760 via pogo pin
Power Input	From PA760
User Input	Trigger

▶ RFID Performance

Standards Supported	EPC Class1 Gen2 V2
RFID Engine	M6e-Micro (RAIN RFID supported)
RFID Chip	Impinj R2000
Read Rate	750 tags/sec
Read Distance	8m (Circular antenna)
Frequency Range	TW: 922-928 MHz
	US: 902-928 MHz
	EU: 865-868 MHz
	Japan: 916-921 MHz
Certification	FCC, CE, NCC, TELEC
Software Support	RFIDRaeder utility, RFID2Key utility & Android SDK

▶ Communication

Host Connection	Electrical 10-pin connection
Host Computer	Unitech PA760 mobile computer

▶ User Environment

Drop Specification	1.2m (with terminal)
Operating Temp.	-20 ~ 50 C
Storage Temp.	-30 ~ 60 C
Humidity	5% ~ 95%
Electrostatic Discharge	+/- 15kV air discharge
	+/- 8kV contact discharge
Sealing	IP52 (with terminal)

NOTE:
* Please make sure PA760 OS version requires MR3 or higher.
* Demo APP: Please download RFID Reader App on PA760