



RG630

UHF RFID Gun Grip



Reading up to 6M | 750 tags /second | Lightweight | Android SDK



The RG630 comes with a holder that is specifically designed for EA630. Just attach the EA630 on the holder and close it. The EA630 is ready for both barcode and RFID/UHF reading. 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 retail, hospitality and light-duty field service.

Boost EA630 with UHF RFID applications

Easy operation with a sled enclosure, RG630 is a unique UHF RFID handheld reader that enhances EA630 to fulfill multiple tasks for retailers from the front of shop to back of the warehouse. It is flexible to add or remove as different situations. Simple pair RG630 RFID gun grip with EA630, store associates can easily take inventory when receiving a large number of goods.

Durable Design

With a read range of up to 6 meters and read rate of up to 750 tags per second, the RG630 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

Unitech Android devices come preinstalled with software solutions that aim to take your mobile agility and productivity to the next level. Easily perform basic RFID inventory, Tag operations and it also 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.

[RFID2KEY Utility]

• Scan-to-Keyboard

Thanks to the powerful utility, just press the trigger of RG630 and it can simultaneously transmit the barcode or RFID tags data into different Android devices.

• Easy to switch between barcode and RFID mode

This RFID reader reads all 1D and 2D barcodes when paired with the EA630. Just one click, 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 RG630 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 RG630 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 6 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

RG630

Specifications



Physical Characteristics

Dimension	140 (L) * 83.04 (W) * 153.05 (H) mm
Weight	458g (with terminal) 229g (without terminal)
Electronic Type	Connected with EA630 via pogo pin
Power Input	From EA630
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	6m (Circular antenna)
Frequency Range	TW: 922-928 MHz US: 902-928 MHz EU: 865-868 MHz Japan: 916-921 MHz CH: 920-924 MHz

Communication

Host Connection	Electrical 6-pin connection
Host Computer	Unitech EA630 mobile computer

User Environment

Drop Specification	1.2m (with terminal)
Operating Temp.	-20 ~ 50°C
Storage Temp.	-30 ~ 60°C
Humidity	5% ~ 90%
Electrostatic Discharge	+/- 15kV air discharge +/- 8kV contact discharge
Sealing	IP52 (with terminal)

NOTE:

* Demo APP: Please download RFID Reader App on EA630



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