



RG768

UHF RFID Gun Grip

15m Read Range | Supported Unitech TagAccess Software | Read Rate: 750 Tags per second



Empowering PA768 for RFID/UHF applications

With easy-to-use handheld sled design, providing staff with the flexibility, portability, and efficiency they need to keep track of their inventory in real-time. RG768 is ideal for small to medium businesses with busy warehouses and workspaces, allowing staff to easily and quickly scan a large number of RFID tags, giving them with a seamless and efficient scanning experience.

Boost UHF RFID Read Performance

The RG768 delivers the ability to read major RFID tags including EPC Class1 Gen2 V2 standards. Besides, this device is capable to read 750 tags per second and users are able to read RFID tags up to 15 meters, offering an easy way for users to streamline the work process in various applications.

Streamline Your RFID Operations with TagAccess and Unitech RFID SDK

RG768 is a powerful RFID reader that supports TagAccess software, providing an integrated solution for reading and writing RFID tags. The software offers multiple functions, including Inventory, Read & Write, Find Tag, Lock Tag, and Kill Tag, empowering users to examine, modify, locate, lock, and even deactivate tags. Moreover, the RG768 offers Unitech RFID SDK that allow customers to customize their own RFID applications and seamlessly integrate them into their workflows, providing a highly personalized and efficient RFID experience.

Durable Design

RG768 offers a 1.5 M drop specification and with IP54 sealing, it can handle splashing liquid, dust and fall protection.

Warehousing / Field service Inventorying at Its Best

The RG768 is an innovative UHF RFID reader that offers a lightweight and user-friendly solution for streamlining work processes in various applications. Designed for fast and efficient inventory control, it is ideal for use in busy warehouses, supply chain management, manufacturing, and asset management applications.

Features

- User-friendly operation with a sled enclosure
- Standards supported: EPC Class1 Gen2 V2
- Reading up to 15 meters away
- Fastest Read Rate: 750 tags/second
- IP54 dustproof, waterproof and 1.5 meters resistant to fall protection
- Support general RFID commands in TagAccess including Inventory, Read & Write, Find Tag, Lock Tag, and Kill Tag



Physical Characteristics

Dimension	193 x 100 x 148 mm
Weight	356 g
Electronic Type	Connected with PA768 via pogo pin
Power Input	From PA768
User Input	Trigger

RFID Performance

UHF	EPC Class1 Gen2 V2; ISO-18000-6C 865-928MHz (Specific regional and country settings supported upon country selection)
RFID Module	unitech RM100 module
Reading Distance	15 m
Tag Read Rate	750+ tags/sec
RF Power output	EIRP: 36 dBm

Software

Tag Access app, unitech RFID SDK, Sample code

Regulatory Approvals

FCC, TELEC, CE

Communication

Host Connection	Electrical 10-pin connection
Host Computer	Connected with PA768 via pogo pin

User Environment

Drop Specification	1.5M with PA768 with bumper 1.2M with PA768 w/o bumper
Operating Temp.	-20 to 55 °C
Storage Temp.	-40 to 70 °C
Humidity	5% ~ 95%
Electrostatic Discharge	±15 KV air discharge, ±8 KV conductive discharge
Sealing	IP54 (with PA768)

NOTE:

* Demo APP: Please download RFID Reader App on PA768



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