RFU-30
Handheld Data Collector / UHF Reader for GT-500

Features
- Multi-OS supported
- IP67 rated water and dust resistance
- Fix mechanism: Quick release screw (no need for tool)
- NFC detection and connection
  a. NFC tag with BT MAC (auto connect with BT)
  b. Easy connect and Fast release
- Secure connection mechanism
- IPx7 DC jack for charging

System
MCU MTK MT2523G

Communication
Bluetooth Bluetooth 4.2

RFID Performance
Frequency Range
  US: 902 ~ 928 MHz
  EU: 865 ~ 868 MHz (Coming soon)
  Japan: 916 ~ 921 MHz (Coming soon)
RFID Protocol ISO-18000-6C/EPC class1 gen2
ANT Port Impedance 50 ohm
RF Output
  25 dBm / 27 dBm
  30 dBm (Coming soon)
Tag
  NFC tag with BT MAC

Power Supply
Battery Type Lithium-ion rechargeable battery, un-changeable.
Battery Capacity Typical 3.7V, 1650mAh
Charging Time Less than 3 Hours
Adapter Input AC 100~240V 50~60 Hz
Adapter Output 5V/2A (10W)
Operating Voltage 3.5V~4.2V
Operating Current 300mA (average), Standby 30mA (without UHF and BT connected)

Mechanical & Environmental
Ingress Protection IP67
Operating Temperature 0°C ~ 50°C
Storage Temperature -10°C ~ 60°C
Operating Humidity 5% ~ 95% RH
Dimensions (mm) 196.7(H) x 96.7(W) x 98(D) mm
Weight 480g (Battery included)

All specifications are subject to change without notice. Last update: 22/5/2018
Dimensions

Ordering Information

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<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>7405000203021M</td>
<td>UHF RFID Reader for GT-500 of 25 dBm / Short Range</td>
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<tr>
<td>7405000203031M</td>
<td>UHF RFID Reader for GT-500 of 27 dBm / Middle Range</td>
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*The scanning range is subject to the application scenario/environment.

Packing Information

<table>
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<tr>
<th>Part No.</th>
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<tbody>
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<td>5490120000030M</td>
<td>Adapter</td>
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