RFU-30
Handheld Data Collector / UHF Reader for PD450

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) × 96.7(W) × 98(D) mm  
 | Weight | 480g (Battery included) |

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

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Dimensions

Ordering Information

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<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>7404500201001M</td>
<td>UHF RFID Reader for PD450 of 25 dBm / Short Range</td>
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<tr>
<td>7404500201011M</td>
<td>UHF RFID Reader for PD450 of 27 dBm / Middle Range</td>
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*The scanning range is subject to the application scenario/environment.

Packing Information

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<thead>
<tr>
<th>Part No.</th>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
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<td>5490120000030M</td>
<td>Adapter</td>
<td>5V/2A</td>
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