# YANZEO

# Model 6s UHF

## Handheld UHF RFID Reader

**7 mode 40+ frequency Global frequency band**

**Change of Battery Without Shutting down**

**Wi-Fi 6 Ready**

**2W Superlinear Speaker**

**Long Rang & High-speed RFID Reading**

Combines high-speed reading with the ability to read over 900 tags per second with an extended reading distance of up to 20 meters.

**10000mAh Battery with Patented Design**

The patented design of battery replacement without shutting down, focusing on the ultimate productivity; QC3.0 ultra-fast flash charging, 10000mAh battery, no fear of power anxiety.

**Advanced Barcode Scanning**

Equipped with Mindeo's new generation of high performance dual-camera Scan Engine—ME5066, providing Superior high-density (HD) & wide-angle (WA) scanning performance, can accurately read all types of 1D/2D & DPM barcode.

**Enterprise-level Security OS**

Hyatta OS, specially customized for enterprise-level scenarios, is fully upgraded in efficiency and experience; enterprise-level equipment cloud management platform HMS provides professional equipment management, application and monitoring, and supports privatized deployment.

**Powerful Performance**

Designed for maximum productivity .powered with Qualcomm Snapdragon octa-core 2.0GHz chip, 4+64GB memory , Android 10 OS, extremely fast、stable and powerful.

**Ultra Rugged**

Provide IP68 Sealing and 1.2m drop to concrete. It performs well in a wide range of environment temperature with anti-collision ,anti-vibration and dust-proof design.

## Physical Characteristics

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|---|---|
| Dimensions | 177.6(H)×77.2(W)×45(T)mm<br>7.0(H)×3.0(W)×1.77(T)inch |
| Weight | 580 g / 20.45 oz.（Batteries Required,Depends on Product Configuration） |
| Display | 5.93 in.，2160(H)×1080(W) FHD+，Industrial-grade IPS display |
| Imager Window | Corning Gorilla Glass |
| Touch Panel | Corning Gorilla Glass<br>Capacitive touch panel,support Water&Gloves Touch Mode |
| Backlight | 450 NITS, LED |
| Power | Removable & Rechargeable 3.85V 10000mAh Li-ion battery |
| Backup Power | 10F Backup Super Capacitor |
| Expansion Slot | MicroSD Card Slot, 512GB |
| Expansion Ports | 4 Pin Bottom connection：Charging port 5V/3A,Support USB communication and OTG mode |
| PSAM Slots | 1 x PSAM |
| SIM Slots | 2 x Nano SIM, 1 x e-SIM (Optinal) |
| Notifications | Audible tone; Multi-color LEDs; Vibration |
| Network Connections | WWAN, Wi-Fi, Ethernet Cradle |
| Voice and Audio | Speaker, Receiver, Dual Mic, USB Type-C headset support |
| Keypad | On-scareen keypad and enterprise keyboard |
| Buttons | Programmable; Scan on each side; volume up/dowm;power; push-to–talk (PTT) |
| Interface Ports | Bottom USB 2.0 OTG – host/client (Type-C) |

## Performance Characteristics

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|---|---|
| CPU | Qualcomm Snapdragon 662, Octa-core, 2.0GHz |
| Operation System | Android 10.0 (GMS Certified) |
| RAM | 4GB LPDDR4X （6GB Optional) |
| ROM | 64GB eMMC 5.1 （128GB Optional) |

## Interactive Sensor Technology

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|---|---|
| Sensor | Proximity Sensor、Light Sensor、Accelerometer、Magnetometer、Gyroscope |

## Data Capture

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|---|---|
| Scanning | ME5066/N6703/HS7/SE4710/SE4720/SE4770/CM60/HE8600: 2D Standard range omnidirectional imager |
| Camera | Front  5 MP fixed focus; f/2.4 aperture<br>Head  16 MP auto focus; f/1.85 aperture; Flash LED |
| NFC | High RF output power; ISO15693、ISO14443A/B、MIFARE：Mifare S50,Mifare S70,Mifare UltraLight,Mifare Pro,Mifare Desfire、FeliCa Supported cards |

## GPS

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|---|---|
| Positioning System | GPS-L1 with A-GPS: Glonass ; BeiDou; Galileo |

## Wireless WAN

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|---|---|
| WAN Radio Frequency | TDD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B19/B20/B25/B26/B28A/B28B/B30/B66)<br>WCDMA(B1/B2/B4/B5/B6/B8/B19)<br>TD-SCDMA(B34/B39)<br>CDMA2000 1x EV-DO Rev.A BC0 (800MHz)<br>CDMA 1x<br>GSM/EDGE/GPRS(850/900/1800/1900) |
| Data Rate | GPRS：DL / UL171.2kbps<br>EDGE：DL / UL384 kbps<br>CDMA1x: DL 153.6kbps/ UL 153.6kbps<br>EVDO: DL 3.1 Mbps / UL 1.8 Mbps<br>DC-HSPA+: DL 42Mbps / UL 5.76 Mbps<br>LTE：DL 150 Mbps (CAT4) / UL 75 Mbps （CAT5) |

# YANZEO

## User Environment

| | |
|---|---|
| Operating Temp. | -20℃ to +60℃ |
| Storage Temp. | -40℃ to +70℃ |
| Humidity | 5% to 95%，non-condensing |
| Sealing | IP68 |
| Drop Specification | 1.2m (Concrete Surface) |
| Tumble Specification | 300 round 0.5 meter tumbles (600 times impact) |
| Electrostatic Discharge (ESD) | +/-15 kV air discharge, +/-8 kV direct discharge |

## Wireless LAN

| | |
|---|---|
| Radio | IEEE 802.11 ac/a/b/g/n/ax ready/d/e/h/i/j/k/r/v/w (2.4G/5G Dual Band WIFI) |
| Data Rates | 5 GHz: 802.11a/n/ac — up to 433 Mbps<br>2.4 GHz: 802.11b/g/n — up to 200 Mbps |
| Operatiing Channels | CH1-CH13, CH36-CH165 |
| Security and Encryption | WEP,WPA/WPA2-PSK,WAPI,WAPI-PSK<br>EAP: EAP-TLS,EAP-TTLS,PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA |
| Fast Roam | Supports 802.11r Fast Roaming |

## Wireless PAN

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|---|---|
| Bluetooth | Bluetooth 5.1 ,Bluetooth Low Energy (BLE);secondary Bluetooth BLE beacon for finding lost (powered off) devices |
| Communication Distance | >10m |

## UHF

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|---|---|
| Frequency | 902-928 MHz, 865-868 MHz (optional) |
| Engine | Based on Impinj E710 |
| Protocal | EPC Global UHF Class 1 Gen 2/ ISO 18000-6C/ISO 18000-6B |
| UHF Antenna | 5dBi air dielectric antenna |
| Sensitivity | < 85dBM |
| Output Power | 0 ~ 33dbm |
| Read Distance | > 15m |
| Peak Inventory Speed | > 700pcs/s |
| Supported Regions | China, Korea, Malaysia, Japan<br>US, Canada and other regions following U.S. FCC<br>Europe and other regions following ETSI EN 302 208 |

## Accessories

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|---|---|
| Standard Accessories | Adapter Charger ×1、USB Type-C cable ×1、Rechargeable Battery ×1 |