



GZY-230 Handheld RFID Reader



GZY-230 is a high-performance intelligent device that adopts its own self-developed reading and writing module. With industry-leading stability, powerful multi-tag recognition performance and excellent sensitivity, it achieves precise and fast data collection. Equipped with Android 14.0 system and high-performance processor, it offers extremely long battery life and is widely applied in RFID fields such as warehousing logistics, asset management, and industrial manufacturing.



specification

PHYSICAL CHARACTERISTICS

| | |
|-------------------------|---|
| Dimension | Body: 167 mm × 82 mm × 130 mm Handle: 111 mm × 38 mm × 47 mm |
| Net Weight | 615g (including battery&wrist strap) |
| Display | 5.0-inch / 1280×720 resolution / IPS / 180° viewing angle |
| Communication interface | USB 3.0 TYPE C (OTG) |
| Expansions | 1 SD 1 SIM |
| Battery | Rechargeable li-ion polymer, 6000mAh |

PERFORMANCE CHARACTERISTICS

| | |
|------------------|---|
| CPU | Cortex A55 2.0GHz octa-core |
| Operating System | Android 14.0 |
| Memory | RAM: 4GB ROM: 64GB (optional) MicroSD(max 256GB expansion) |

USER ENVIRONMENT

| | |
|--------------------------|--|
| Operating /Storage Temp. | -20℃to 60℃ -30℃to 70℃ |
| Humidity | 5%RH to 95%RH(non-condensing) |
| Drop Spec. | 5ft./1.5 m drop to concrete across the operating temperature range |
| Dust & Water Proof. | IP65, IEC compliance |

DEVELOPMENT ENVIRONMENT

| | |
|-------------|---------------------------|
| SDK | Software Development Kit |
| Language | Java |
| Environment | Android Studio or Eclipse |

DATA COMMUNICATION

| | |
|----------|--|
| WWAN | TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 5,7, 8,12,17, 20;WCDMA(850/1900/2100MHz);GSM/GPRS/Edge (850/900/1800/1900MHz); |
| WLAN | 2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac |
| WPAN | Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth 5.0 |
| Optional | GPS / USB-TCP/IP(customized) |

COLOR CAMERA

| | |
|------------|--|
| Resolution | Rear 13 megapixel, front 5.0 megapixel |
| Lens | Auto-focus with LED flash |

BARCODE READER(OPTIONAL)

| | |
|--------------------------|---|
| 2D CMOS Imager | (OPTIONAL) |
| 2D barcode Symbolologies | PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc. |

RFID READER(OPTIONAL)

| | |
|----------------------|--|
| RFID UHF | |
| Frequency | 860-865Mhz /902-928Mhz (Can be customized) |
| Protocol | EPC C1 GEN2/ISO 18000-6C |
| Antenna Gain | Circular 4dBi |
| R/W Range | 0-20m(According to Tag & Environment) |
| RF output | 0-33dBm adjustable |
| 2D CMOS Imager | (OPTIONAL) |
| Communication method | Bluetooth, 4g,wifi |

PSAM SECURITY(OPTIONAL)

| | |
|----------|--|
| Protocol | ISO 7816 |
| Baudrate | 9600, 19200, 38400,43000, 56000, 57600, 115200 |
| Slot | 2 slots(maximum) |

ACCESSORIES

| | |
|----------|---|
| Standard | 1xPower Supply; 1xLithium Polymer Battery; 1xType-C cable |
| Optional | Cradle |

Note: Our company may optimize products in response to market changes, and any changes will be made without prior notice, please understand!



SHENZHEN INFO WISE TECHNOLOGY CO.,LTD.

Web: www.infowiserfid.com

Tel : 153-6140-7827

office tel : 0755-21005073

Add: Address: 2J, 2nd Floor, Building 1, Kangrui Wisdom Valley, No. 9 Zhongxin Road, Queshan, Dalang Street, Longhua District, Shenzhen