GZY-205 Handheld RFID Reader

| Android 10 | 4G | WiFi | Bluetooth | UHF | NFC | 2D Barcode | 1D Barcode | Cream | GPS | 5.5inch | IP65 |

GZY-205 is an Android reinforced mobile reader, which can integrate UHF, 1D/2D barcode, NFC, PSAM and other functions. It can be equipped with Impinj E710/R2000 circularly polarized antennas to read tags from a long distance, and supports the latest Android 10.0 operating system.It can be widely used in RFID asset management, retail, warehousing, aviation management and other fields.

specification

PHYSICAL CHARACTERISTICS

Dimension	169mm(H)x143.3mm(W)x90.5mm(D)
Net Weight	678g (including battery&wrist strap)
Display	5.7-inch color full screen (720 x 1440)
Backlight	LED backlight
Expansions	Micro SD x 1
	Nano-SIM x 2
Battery	3.85V 9000mAh rechargeable lithium battery

PERFORMANCE CHARACTERSTICS

CPU	Eight-core 64-bit, 2.45 GHz
Operating System	Android 11
Memory	RAM : 4GB ROM : 64GB MicroSD(max 256GB expansion)

USER ENVIRONMENT

Operating /Storage Temp.	-20℃to 60℃
	-40℃to 70℃
Humidity	5%RH to 95%RH(non-condensing)
Drop Spec.	withstand multiple drops of 1.2 meters to a smooth cement floor
Dust & Water Proof.	IP67, IEC compliance
ESD	15kv air discharge, ±8kv direct discharge

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 v4.2
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	ZebraSE4710
2D barcode Symbologies	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	5dBi
R/W Range	0-20m(According to Tag & Environment)
RF output	0-33dBm adjustable

PSAM SECURITY(OPTIONAL)

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

ACCESSORIES

Standard	Battery *1, data cable *1, power adapter *1
Optional	Single seat charging, protective film