GZY-222 Handheld RFID Reader

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

GZY-222 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	171mm(H)x81mm(W)x20.4mm(D)±2 mm
Net Weight	600g (including battery&wrist strap)
Display	Tough 5.5 in. TFT-LCD(720x1440)touch screen with backlight
Backlight	LED backlight
Expansions	2 PSAM
	2 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.8V, 7200mAh

PERFORMANCE CHARACTERSTICS

CPU	Cortex A73 2.0GHz octa-core
Operating System	Android 10.0
Memory	RAM：3GB; ROM:31GB; (optional) RAM 4GB ROM：64GB MicroSD(max 256GB expansion)

USER ENVIRONMENT

Operating /Storage Temp.	-20℃to 50℃
	-20℃to 70℃
Humidity	5%RH to 95%RH(non-condensing)
Drop Spec.	5ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, 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(embedded A-GPS), accuracy of 5 m

COLOR CAMERA

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

BARCODE READER(OPTIONAL)

2D CMOS Imager	Honeywell N5703 2D Scan Engine/ Newland NLS-CM60/Newland NLS-N1
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	Circular antenna(4dBi)
R/W Range	0-20m(depends on rfid tags performance)

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!