

Handheld RFID Reader - BX6100



Tech Specs

System	Android 10.0
CPU	Cortex A73 2.0GHz octa-core
Storage	2GB RAM,16GB ROM (standard) 4GB RAM, 64GB ROM (optional)
Expansion	Supports up to 256 GB Micro SD card
Display	Tough 5.5 in. TFT-LCD(720x1440)touch screen with LED backlight
Touch Screen	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Expansion Slot	1 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.8V, 9000mAh
Camera	5 megapixels Front Camera and 13 megapixels Rear Camera, auto-focus with LED flash

Physical Characteristics

Dimensions	166 x 79 x 31mm
Weight	about 600g (including battery & wrist strap)
Sealing	IP65, IEC compliance
Accessories	1xPower Supply, 1xLithium Polymer Battery, 1xType-C cable, Carrying case & Cradle (optional)

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
GPS	GPS(embedded A-GPS), accuracy of 5 m

User Environment

Operating Temp.	-20°C to 50°C
Storage Temp.	-20°C to 70°C
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range
ESD	±15kv air discharge, ±8kv direct discharge

Developing Environment

SDK	Handheld-Wireless Software Development Kit
Language	Java
Tool	Android Studio or Eclipse

DATA CAPTUER

Barcode Scanner (optional)

2D CMOS Imager	Symbologies
Zebra SE4710	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 NFC (optional)

Frequency	13.56MHz
Protocol	ISO 14443A&15693, NFC-IP1, NFC-IP2
R/W Range	2cm to 5cm

RFID UHF (optional)

Frequency	865~868MHz or 920~925MHz
Protocol	EPC C1 GEN2/ISO 18000-6C
Antenna Gain	Circular antenna(4dBi)
R/W Range	20 m(tags and environment dependent)

PSAM Security (optional)

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