



HL7202G9

Features

- Android OS supports easy application development
- Impinj Indy R2000 chipset brings max RFID performance
- Overmolding housing, IP65 applies to industrial scenarios
- Humanist design with 8-inch big screen for easy input experience
- Various communication data collection method options match various applications
- Widely used in ITS / Smart Grid, execution inspection, warehousing & logistic, Smart retail



Specifications

Performance Characteristics

CPU	ARM Cortex-A53 Eight-core Main frequency 1.5GHz
Operating System	Android 5.1
Memory	3GB RAM / 32GB iNand FLASH ROM
Display	8.0" TFT LCD 1280*800Pixel
Standard I/O Port	USB2.0 Type C×1 supports OTG
Expansion Slot	1 Micro SD Slot, 2*SIM Slot, 2*PSAM Slot
Notification	Vibrator and Indicator LED, Speaker

Network Characteristics

WIFI	IEEE 802.11 b/g/n/a 2.4G/5G
4G/3G/2G	TD-LTE, FDD-LTE, WCDMA, EVDO(CDMA2000), GSM, CDMA 4G TDD-LTE :1900/2300/2500/2600MHz(B38/B39/B40/B41) 4G FDD-LTE : 1800/2100/2600 MHz (B1/B3/B7) 3G TD-SCDMA:1900/2100 MHZ (B34/B39) 3G WCDMA:850/900/1900/2100 MHz(B1/B2/B5/B8) 2G GSM:850/900/1800/1900 MHz(B2/B3/B5/B8) CDMA&EVDO: 800 MHz (BC0)
GPS	GPS + AGPS with internal Antenna
Bluetooth	Bluetooth V2.1+EDR/V3.0+HS/4.1

UHF RFID

Air Protocols	ISO/IEC 18000-6B, ISO/IEC18000-6C / EPC C1G2
Reading Distance	3~10m (According to Tag & Environment)
Antenna	Circular 4dBi
RF output	0-30dBm
Frequency	USA:902-928MHz (FCC part 15) EU: 865-868MHz (ETSI EN 302 208) CHN:920-925MHz (CMII)
Programing Function	match reading / data filter RFID-temperature & humidity sensor data acquisition customizable

Physical Characteristics

Dimensions (L x W x H)	230mm×144.5mm×16.5mm (without accessories)
Weight	About 600g (include battery)
Keyboard	Power key, volume up, volume down, function key F1 & F2
Micro SD card	Maximum supports 128GB Micro SD card
Storage Temp.	-30°C ~ +65°C
Operating Temp.	-30°C ~ +55°C
Humidity	5% RH ~ 95%RH (non-condensing)
Drop Spec.	1.2M Drop to concrete
Dust & Water Proof	IP65



Date Capture & Data Processing Device

Camera	800W front, 1300W rear, autofocus
Barcode Engine	1D Laser or 2D Imager Barcode Scanner
Battery Supply	
Main Battery (Replaceable)	Replaceable and rechargeable battery, 8000mAh/3.85V
Power Consumption	Working continuously for more than 8 hours
Accessories	
Power Adapter	General purpose power adapter 5V, standard USB interface Charging time is less than 5 hours
Communication cable	USB data cable

Construction Appearance

