



MECHANICAL CHARACTERISTICS

Materials	CNC Aluminum + nylon (Bayer)
Dimesions	Profile 160x82x129 mm
	Grip 111x38x47 mm
Weights	640 g (Include battery/ Standard version)

SYSTEM CHARACTERISTICS

Operating System	Android 6.0
CPU	Quad-core Cortex-A17 / 1.8 GHz
GPU	ARM Mali-T764 / High performance 3D engine
RAM	2 G LPDDR3 4 G LPDDR3 (Optional)
ROM	32G EMMC 5.0 64G EMMC 5.0 (Optional)
LCD	5.0 inches/ 1280*720 / IPS / 180°view angle
Touch Screen	1.1 mm thickness tempered glass / 10- dot touch/ Can be operated with glove
Hotswapping Battery	Pistol style hotswapping battery system
PSAM	PSAM*2 / TI TCA5013 (Optional)
Buttons	
Power / Volume*2	3 ALPS buttons / Operating force 2.2N / Operating life 600.000 cycles
Function Keys	3 ALPS buttons / Operating force 2.2N / Operating life 600.000 cycles
Scan Trigger	OMRON button / Operating force 1.27 N / Operating life 10.000.000 cycles
Power	6,00 mAh chargeable li-polymer battery
Card Slots	Micro SIM card slot / PSAM card slot*2
USB Interface	Micro USB / MOLEX connector / Operating life 10,000 cycles
Audio	Large speaker stereo system
Vibrator	Button style / 10 mm diameter
Charge Indicator	Tri-color LED

WIRELESS COMMUNICATIONS

WIFI	IEEE802.11b/g/n
Bluetooth	Bluetooth 4.0
3G	Huawei MU 609 / Vehicle grade (Optional)
4G	Huawei ME 909s / Vehicle grade (Optional)

DATA COLLECTIONS

1 D Bar Code (Optional)

Engine	Symbol SE955
Support	UPC / EA Symbol SE955N / Code128 / Code 39 / Code 93 / Code 11 / Interleaved 2 of 5 / Discrete 2 of 5 / Codabar / MSI/RSS etc.

2 D Bar Code (Optional)

Engine	Symbol SE4750
Support	Data matrix / QR Code / PDF417 / US Planet/ UK Postal etc.

UHF RFID

Engine	Impinj Indy R2000 chip
Buzzer	Ø 12*9.5 mm / 2300±300 Hz
Protocol	EPC Global UHF Class 1 Gen 2 / ISO 18000-6C / ISO 18000-6B
Work Frequency	840-960 MHz
Output Power	0-33 dBm
Peak Inventory Speed	>500 tags / s
UHF Antenna	3 dBi circularly polarized antenna
Read Distance	6-7 m (Tested tag:Impinj E41b)
Supported Regions	EN 302 208
Camera (Optional)	13 megapixels/ automatic focus/ flashlight
Global positioning system	GPS & GLONASS

APPLICATION ENVIRONMENT

Operating Temperature	- 20° + 60°
Storage Temperature	- 40° + 70°
Humidity	5%RH-95% RH (Non condensing)
Protection Grade	IP64
Safety Drop Height	2 m/ 6.56 ft.

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