

<b>PHYSICAL CHARACTERISTICS</b>		
Dimension	170.8mm(H)x81mm(W)x20.4mm(D)±2 mm	
Weight	Net Weight :380g (including battery&wrist strap),Gross Weight:450g	
Machine package	200*140*90mm	
20 in 1 carton	420*450*300mm/11.6kg for machine	
Cradle package	180*135*70mm/368g	
Display	Tough 5.5 inch TFT-LCD(720x1440)touch screen with backlight	
Backlight	LED backlight	
Keypads	3 TP keys, 4 function keys, 4 side buttons	
Expansions	2 *PSAM (optional), 1* SIM, 1* TF	
Battery	Rechargeable li-ion polymer, 3.8V, 4800mAh	
<b>PERFORMANCE CHARACTERISTICS</b>		
CPU	Cortex A73 2.0GHz octa-core,MTK6762	
Operating System	Android 10.0	
Storage	4GBRAM, 64GB ROM, Micro SD up to 256GB for option	
<b>USER ENVIRONMENT</b>		
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	
Sealing	IP65, IEC compliance	
ESD	±15kv air discharge, ±8kv direct discharge	
<b>DEVELOPMENT ENVIRONMENT</b>		
Language	Java	
Environment	Android Studio or Eclipse	
<b>DATA COMMUNICATION</b>		
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	
<b>DATA CAPTUEER</b>		
<b>BARCODE READER</b>		
2D bar code	Newland NLS 2D Scan Engine(standard) or Honeywell 2D Scan Engine	
	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
<b>COLOR CAMERA</b>		
Resolution	Rear 13 megapixel, front 5.0 megapixel	
Lens	Auto-focus with LED flash	
<b>RFID READER(OPTIONAL)</b>		
RFID NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693, NFC-IP1, NFC-IP2
	R/W Range	2cm to 5cm
<b>ACCESSORIES</b>		
Standard	1xPowerSupply(input:AC100V-240V,50Hz/60Hz,output:DC5V/2A),1xLithiumPolymer Battery,1xUSB data cable	
Optional	Cradle	







