



F502

INDUSTRIAL-GRADE SMART HANDHELD TERMINAL

5.5-inch HD Durable large Display · High speed Octa-core



Product parameters	
Performance	
Octa core	
CPU	MT6762 Octa-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB/4GB+64GB
Expand memory	Micro SD(TF) Supports up to 256GB
System	Android 10.0
Data communication	
WLAN	Dual-band 2.4GHz / 5GHz, Support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol
WWAN	2G: GSM (850/900/1800/1900MHz)
	3G: WCDMA (850/900/1900/2100MHz)
	4G: FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth5.0+BLE , transmission distance 5-10 meters
GNSS	Support GPS, Galileo, Glonass, Beidou
Physical parameter	
Dimensions	160.5mm x 70.6mm x 14.9 mm (The thinnest)
Weight	<300g (Depends on device function configuration)
Display	5.5" IPS color display,resolution 720x1440
TP	Supports multi-touch
Battery capacity	Rechargeable polymer battery (3.8V 4200mAh)
	Standby time >350 hours
	Working time > 12 hours
	Charging time < 3 hours, use standard power adapter and data cable
Expansion Card slot	TF+NANO SIM/NANO SIM×2/NANO SIM (Choose one from three)
Communication interface	Type-C USB x 1, OTG
Audio	Speaker (mono), Microphone x 2 , Receiver
Keypad	Power key, Volume +/- key,Scan key × 2
Sensors	Gravity sensor, Light sensor, Proximity sensor
Data collection	
Barcode scanning (Optional)	
2D Scanning engine	Honeywell N6703 N6603 N5703 ,6602
1D Symbolologies	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E, Codabar,Interleaved 2 of 5,China post 25,ISBN/ISSN, Code93,UCC/EAN-128,GS1 Databar,HIBC,etc
2D Symbolologies	PDF417,Micro PDF417,GS1 Composite,Aztec Code,Data Matrix,QR Code,Micro QR Code, Maxicode,Hanxin Code,etc

Camera (Standard)	
Rear camera	13MP HD camera,Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	2MP color camera,(5MP Optional)
NFC (Optional)	
Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm
Language/input method	
Input	English, Pinyin, Five strokes, Handwriting input, Support soft keypad
Language	Chinese, English, Korean, Japanese, Malaysian,etc
User environment	
Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	temperature range, 6 sides can withstand a height of 1.5 meters,falling to the marble
Rolling test	0.5m rolling for 6 sides, can still work steadily
Sealing	IP66
Accessories	
Standard	Adapter, Data cable, Protective film, Instruction manual

Special Note: Product data is for reference only and subject to change without notice. model：F502 Update：2023-06-05