

SPECIFICATIONS DT50H

PERFORMANCE CHARACTERISTICS

CPU	Octa-core process
Memory	RAM: 2GB, ROM:16GB RAM: 4GB, ROM:64GB(Optional)
O.S.	Android 9.0

PHYSICAL CHARACTERISTICS

Display	5.7" TFT-LCD 720*1440 pixels 1080° 2160 pixels (Optional)
Touchpanel	Ultra sensitive capacitive touch panel, works with gloves and wet fingers; Corning® Gorilla® Glass; Multi-touch
Dimensions (L×W×H)	162.6mm× 76mm×13.6mm 6.4in× 3in× 0.53in
Weight	250g/8.8oz (include battery)
Power	Rechargeable 3.85V 4300mAh lithium polymer battery pack(Typical Operation time ≥10 hours) Support QC4.0 quick charge, charging time less than 3 hours
Micro-SD	Micro-SD card,Up to 256GB extensions
SIM	2×Nano-SIM slots
Notification	LED, Speaker, Vibrator
Buttons	Scan button ×2, Power button, Volume +/- button, User definable button
Audio	Dual-microphone support with noise cancellation,high quality speaker, PTT headset support; cellular circuit switch voice

ENVIRONMENTAL

Operating Temperature	- 20°C ~ 60°C (-4°F~140°F)
Storage Temperature	- 40°C ~ 70°C (-40°F~158°F)
Humidity	5%RH ~ 95%RH(non condensing)
Drop Specification	Multiple 5 ft./1.5 m drops on concrete across full operating temperature range.
Tumble Specification	400 roller drops of 1m, with a frequency of 10 roller test per minutes
Thermal Shock	- 40°C ~ 70°C (-40°F~158°F) rapid transition
Sealing	IP67
ESD	±15kV air discharge; ±8kV direct discharge

DATA CAPTURE

Scanning	1D/2D imager
Camera	Front - 5MP Rear - 13MP auto-focus color rear camera with flash
NFC	ISO 14443 Type A and B; FeliCa/Mifare and ISO 15693 cards; Reader mode, P2P mode, Card Emulation mode Apple Enhanced Contactless Polling(ECP)

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28A/B28B) WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)
GPS	Concurrent GPS; GLONASS; Galileo; BeiDou, and A-GPS
Vo-LTE	Support Vo-LTE HD video voice call

WIRELESS LAN

WIFI	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w
Data Rates	5GHz:802.11a/n/ac----up to 866.7Mbps 2.4Ghz:802.11b/g/n---- up to 300Mbps
Operating Channels	2.4G: 1-13(Depend on regulatory rules & certification agency) 5G: 36,38,40,42,44,46,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,149,153,157,161,165
Security and Encryption	WEP;WPA/WPA2-PSK(TKIP and AES);WAPI-PSK-EAP-TTLS, EAP-TLS,PEAP-MSCHAPv2,PEAP-LTS,PEAP-GTC,PWD, SIM, AKA
Fast Roaming	PMKID caching, 802.11r, OKC

WIRELESS PAN

Bluetooth	BT4.2 + BR/EDR + BLE
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INTERACTIVE SENSOR

Sensor	Acceleration sensor, light sensor, proximity sensor,3-axis geomagnetic sensor, fingerprint sensor
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Optional Accessories



Single-slot Cradle



Hand Strap



4 slots battery charger



5 chains multi-function cradle

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