UROVO

DT50H

Healthcare Mobile Computer

Guardians of health care

IR temperature measurement

Embedded medical grade IR thermal module, real-time report precisely temperature, error rate only ±0.3℃.

Superior performance

Advanced Octa-core new architecture processor, boost performance while reduced power consumption. High efficiency antenna design, seamless WIFI roaming, and wide LTE frequency coverage, present you best transfer experience.

Dedicated Medical Application

U-care, a dedicated medical application created by UROVO, integrated IR temperature measurement, personal information management, ID card reading, photo taking and other entreprise level attendance tools. Administrator can record, export and tracking all real-time data just in one APP.

Efficient intercommunication

Pre-installed network-based voice intercom system, teamwork is accessible by anyone, any time, any where. Voice command and TTS (text-to-speech) release your hand to save more lives.

Anti-Microbial and Disinfectant-Ready

Housing made by Anti-Microbial material , which meet JISZ2801 standard, can inhibit the growth of microorganisms or kill them. Disinfectant-ready surface can afford wiping by alcohol and sterilized water. From inside to outside, stop cross-infection.

Bezel-less giant sunlight screen

5.7" giant bezel-less HD screen, assist medical personnel grab all information in a glance. Ultra-high brightness touch screen delivers clear vision even under sunlight.

Device management tools

U-Home, a series device management tools for injecting your new power.
1. U-setting: Savvy way for massive deployment
2. Scanwedge: All scan setting you needed.
3. AutoInstall:Pre-install and start up, everything automatic.
4. FeatureSetting:Inspiration settings,only at Urovo.

DT50H SPECIFICATION

PERFORMANCE CHARACTERISTICS

CPU	Qualcomm octa-core 64bit processor
Memory	2GB RAM / 16GB ROM 4GB RAM / 64GB ROM (optional)
O.S.	Android 9 Pie with GMS supported

PHYSICAL CHARACTERISTICS

Display	5.7" HD (720 x 1440 pixel) sunlight screen
Touchpanel	Ultra sensitive capacitive touch panel, works with gloves and wet fingers; Corning® Gorilla® Glass; Multi-touch
Dimensions (L×W×H)	6.4in× 3in× 0.53in (162.6mm× 76mm×13.6mm)
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; Gallileo; 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

INTERACTIVE SENSOR

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

APPLICATION

U-Home	U-setting, Scanwedge, AutoInstall, FeatureSetting

Optional Accessories

Single Cradle

4 slots battery charger

5 chains multi-function cradle