UROVO DT50

Specifications

UROVO PTE. LIMITED

UROVO

Specifications

Performance	Model	UROVO DT50
	O.S.	Android 13 GMS/AER
	Processor	Octa-core 2.45GHz
	Memory	RAM: 4GB, ROM: 64GB RAM: 6GB, ROM: 64GB (optional) RAM: 8GB, ROM: 128GB (optional)
	Extended memory	Micro SD card, Up to 256 GB
Basic specifications	Dimensions	162.6*76*13.6mm
	Weight	265g
	Display	5.7 inch display, 720*1440
	Touch Screen	Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers
	Main battery	Capacity：3.85V 5000mAh
	RTC	The system time could be backed up for 10 minutes after the battery is removed
	Audio	Dual-Microphone (noise cancellation), Speaker (1.5W, 100dB @10cm), Receiver, 3.5mm audio jack
	Buttons	PWR button, Vol+/- button, Scan button*2, Custom button
	Notifications	Audible tone; multi-color LED; vibration
	Camera	Front 5MP，Rear 13MP with flash
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro
	Fingerprint	Capacitive Fingerprint Module（optional）
	Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
	Slots	Micro SD/TFx1 , Nano-SIMx2
	Interfaces	USB Type-C*1, support OTG, support USB3.1; Bottom pogo pin*2, back pogo pin* 9
Network Connections	WWAN	4G/ 3G/ 2G Dual-SIM, Dual-Standby
	Bluetooth	BT5.0 + BR/EDR + BLE
	Wi-Fi	2.4G/5G, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w Roaming: 802.11r /OKC/ PMKID caching，802.11ax ready
	NFC	RFID 13.56MHz ，ISO15693、ISO14443A/B 、Mifare、Felica
	Positioning	GPS、A-GPS、BeiDou、GLONASS 、Galileo
Environment	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 70°C
	Humidity	5%RH～95%RH (No condensation)
	Drop	Multiple 1.5 m drops to concrete at room temperature

	Specification	
	Sealing	IP67
	ESD	+/-15kv Air; +/-8kv contact

Data Capture Specifications

1) Camera

Rear Camera	
functions	Flash light (700mA), Auto-focus, Video, PDAF
Pixels	13MP
Front Camera	
Pixels	5MP, Fixed-focus,

2) Scan Engine

	2D Imager Engine Specifications
Scan Angle Tilt	360°
Scan Angle Pitch	±60°
Scan Angle Skew	±60°
Laser type	Class Ⅱ
Fill-in light	White LED, soft light
Barcodes support	Linear: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data Bar 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

3) RFID(HF)

RFID	HF
Protocol	ISO15693、ISO14443 A/B 、Mifare、Felica
Frequency	13.56MHz
Mode	Card Emulation、Peer-to-Peer、Reader
Reading Range	Read distance 0-6cm (ISO15693), 0-4cm(ISO14443A/B)

Network Connections

1) Positioning

Positioning	Specification
Mode	GPS、A-GPS、BEIDOU、GLONASS、Galileo
Frequency	GPS（L1）， BeiDou（B1 1.561GHz）， GLONASS(L1 1.602GHz)，

	Galileo（E1 1.589 GHz / E2 1.561 GHz）
Cold start time	Less than 40s
Max channel	31 channel
Sensitivity	-130dB(SNR value 40dBHz)
Accuracy	5~10 Meters（open space）

2) Wireless LAN

WLAN	Specification
Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w （2.4G/5G dual band Wi-Fi) IEEE 802.11ax ready
Frequency	2.4G、5G
Working Channels	CH1~CH13，CH34-CH140，CH149~CH165，depends on country (region)
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise 192-bit mode (GCMP-256) - EAP-TLS; Enhanced Open (OWE)
Fast roaming	PMKID caching; Cisco CCKM; 802.11r(Over-the-Air); OKC, Wi-Fi roaming threshold could be set

3) Wireless WAN

WAN	Specification	
Mode	Dual-SIM, Dual-Standby	
Frequency Band (Worldwide)	4G(TD-LTE) 4G(FDD-LTE)	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/ B7/B8/B12/B13/B17/B20/B28A/B28B)
	3G(WCDMA) 3G(CDMA2000) 3G(TD-SCDMA)	WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
	2G(GSM) 2G(GSM) 2G(CDMA)	CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)
Frequency Band (Europe & Asia)	4G(TD-LTE) 4G(FDD-LTE)	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B3/B5/B7/B8/B20)
	3G(WCDMA) 3G(CDMA2000) 3G(TD-SCDMA)	WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
	2G(GSM) 2G(CDMA)	CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)

4) Wireless PAN

BT	Specification
Mode	BT5.0 + BR/EDR + BLE

Range	More than 10 Meters

Accessories

	Type
Standard Accessories	Adapter*1, Type-C cable*1, Battery*1, Instructions & Security Information & Warranty Card*1
Optional Accessories	Charging cradle, 5-slot Charging Cradle, 4-lot battery charging cradle, Hand strap, Gun grip, UHF gun grip, Boot case, Optical fingerprint, Screen Protector, Holster, Shoulder Strap