

**UROVO**

# UROVO DT50

Specifications



**UROVO Technology Co., Ltd.**



## Specifications

Performance	Model	UROVO DT50
	O.S.	Android 9.0
	Processor	Octa-core 2.2GHz
	Memory	RAM: 4GB ROM: 64GB
	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, 1080*2160 (optional)
	Touch Screen	Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers
	Main battery	Capacity: 3.85V 4300mAh, 6000mAh (optional)
	Charging time	Less than 4 hours (with non-QC adapter) (room temperature) Less than 3 hours (with QC adapter) (room temperature)
	Buttons	PWR button, Vol+/- button, scan button*2, custom button
	Camera	Front 5MP, Rear 13MP (16MP optional) with flash
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro
	Fingerprint	Capacitive Fingerprint Module Optical 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
	Audio	Dual-Microphone (noise cancellation), Speaker (1.5W), Receiver, 3.5mm audio jack
Interfaces	USB Type-C、Pogo-pin	
Network Connections	Positioning	GPS、A-GPS、BeiDou、GLONASS、Galileo
	WWAN	4G/ 3G/ 2G
	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
Environment	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 70°C
	Humidity	5%RH ~ 95%RH (No condensation)
	Drop Specification	Multiple 1.5 m drops to concrete at room temperature
	Tumbling	400 1.0m tumbles
	Sealing	IP67
	ESD	+/-15kv Air; +/-8kv contact

## Data Capture Specifications



## 1) Camera

Rear Camera	
functions	Flash light, Auto-focus, Video
Pixels	13MP, (16MP optional)
Front Camera	
Pixels	5MP, Fixed-focus,

## 2) Scan Engine

	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Barcodes support	<p>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</p> <p>2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417</p> <p>2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code</p> <p>Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet</p>

## 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)

## 4) Fingerprint

	Capacitive Fingerprint Module
Specification	FRR=1/100 FAR=1/50000
	Optical Fingerprint Module (optional)
Specification	FRR=1/100. FAR=1/10000. 360 ° recognition 3D fingerprint imaging

## Network Connections

### 1) Positioning

Positioning	Specification
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Mode	GPS, A-GPS, BEIDOU, GLONASS, Galileo
Cold start time	Less than 40s
Max channel	31 channel
sensitivity	-130dB(SNR value 40dBHz)
Precision	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 WIFI) 2X2 MIMO
Frequency	2.4G、5G
Working Channels	CH1~CH13, CH34-CH140, CH149~CH165, depends on country (region)
Security and Encryption	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA, WEP, WPA/WPA2-PSK, WAPI, WAPI-PSK
Fast roaming	Support 802.11r fast roaming

## 3) Wireless WAN

WAN	Specification
Mode	Dual-SIM, Dual-Standby
Worldwide 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)

## 4) Wireless PAN

BT	Specification
Mode	BT5.0 + BR/EDR + BLE
Range	More than 10 Meters

## Optional Accessories

	Type
Accessory	Charging cradle, Multi-slot cradle, 4-lot battery charging cradle, Hand strap, Gun grip, UHF gun grip, 6000mAh battery, Boot case, Optical fingerprint, Screen Protector, Holster