

**UROVO**

# UROVO DT50D

Specifications



**UROVO Technology Co., Ltd.**



## Specifications

Performance	Model	UROVO DT50D
	O.S.	Android 11.0
	Processor	Octa-core 2.45GHz
	Memory	RAM+ROM: 4GB+64GB 、 6GB+64GB(optional)
	Extended memory	Micro-SD card, Up to 256 GB
Basic specifications	Dimensions	162.8mmx76mm×15.6mm (thickest :21.9mm)
	Weight	307g
	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 4300mAh
	Charging time	Less than 4 hours
	Audio	Dual-Microphone (noise cancellation), Speaker (1.5W), Receiver
	Buttons	PWR button, Vol+/- button, scan button*2, custom button
	Camera	Front 5MP, Top 13MP with flash
	Sensors	Light + Accelerator+ Proximity + Geomagnetic + Gyro(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	
Network Connections	WWAN	4G/ 3G/ 2G
	Bluetooth	BT5.0 + 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
	Positioning	Dual-band GPS (L1+L5) 、 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 Specification	Multiple 1.5 m drops to concrete at room temperature
	Sealing	IP67
	ESD	+/-15kv Air; +/-8kv contact

## Data Capture Specifications

### 1) Camera

Front Camera	
Pixels	5MP, Fixed-focus,
Top Camera	
functions	Flash light, Auto-focus, Video
Pixels	13MP

## 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 (UHF)

RFID	R/W( UHF)
Frequency Range	865-868MHz,902-928MHz
Standards supported	EPC Global Class1 Gen2/ISO 18000-6C, ISO18000-6B
Nominal read range	up to 1.5 m (depends on RFID tags, adjustable)

## Network Connections

### 1) Positioning

Positioning	Specification
Mode	GPS、 A-GPS、 BEIDOU、 GLONASS、 Galileo
Frequency	GPS ( L1+L5) , 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	31channel
sensitivity	-130dB(SNR value 40dBHz)
Precision	5-10 Meters (open space)

### 2) Wireless LAN

WLAN	Specification
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Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w (2.4G/5G dual band WIFI) IEEE 802.11ax ready
Frequency	2.4G、5G
Working Channels	CH1~CH13, CH34-CH140, CH149~CH165, depends on country (region)
Security&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, WIFI roaming threshold could be set

### 3) Wireless WAN

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

### 4) Wireless PAN

BT	Specification
Mode	BT5.0 + BLE

### Accessories

	Type
Standard accessories	Battery *1、 USB cable *1、 Charger *1
Optional accessories	Seat charge、 protective film