

UROVO

# UROVO DT40

## Specifications



UROVO Technology Co., Ltd.



## Specifications

Performance	Model	UROVO DT40
	O.S.	Android 9.0 (Upgradeable to Android 12)
	Processor	Octa-core 1.8GHz
	Memory	RAM: 3 GB, ROM: 3 2 GB RAM: 2 GB, ROM: 1 6 GB (optional)
	Extended memory	Micro SD card, Up to 256 GB
Basic specifications	Dimensions	164.5*68.6*17.5mm
	Weight	279g
	Display	4 inch display, 480×800
	Touch Screen	Ultra sensitive capacitive touch panel with Corning gorilla cover glass, support multi-touch, works with gloves and wet fingers
	Main battery	Capacity: 3.85V 4500mAh
	Charging time	Less than 4 hours
	Buttons	Navigator key: Back, Home, Menu Numeric key: 0-9, Android standard key define Control key: Delete, Backspace, TAB key, "." 1Aa key: Switch numeric and Alphabet Fn key: F1-F4, Android standard define PWR key, Vol+/- key, PTT key, scan key
	Camera	Front 2MP, Rear 13MP with flash
	Sensors	Light + Accelerator+ Proximity
	Scanning	1D/2D barcode reader Can read all international standards 1D/2D barcode; Can read barcode displayed on screens and colored barcode;
	Slots	Micro SD/TFx1 , Nano-SIMx2
	Audio	Microphone, Speaker, Receiver
	Interfaces	USB Type-C、 3.5mm ear phone jack、 Pogo pin
Network Connections	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
	WAN	Dual-SIM, Dual-Standby
		4G, 3G, 2G
	Bluetooth	BT 4.2 + 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	Temperature	-20°C to 60°C (-4°F to 140°F)
	Storage	-40°C to 70°C (-40°F to 158°F)
	Humidity	5%RH ~ 95%RH (No condensation)
	Drop Specification	Multiple 5 ft./1.5 m drop to concrete at room temperature
	Sealing	IP67



## Data Capture Specifications

### 1) Camera

Rear Camera	
functions	Flash light, Auto-focus, Video
Pixels	13MP
Front Camera	
Pixels	2MP, Fix-focus,

### 2) Scanner Engine

Option 1	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Laser safety level	Class 2
Barcodes support	<p>Linear: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post</p> <p>2D Stacked: PDF417, MicroPDF417, GS1 Composite</p> <p>2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin</p> <p>Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code</p>
Option 2	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Laser safety level	Class II
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: ISO14443 Type A, ISO14443 Type B MIFARE: Mifare S50, Mifare S70, Mifare UltraLight, Mifare Pro, Mifare Desfire、FeliCa
Frequency	13.56MHz
Reading Distance	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 1.575GHz C/A code) , 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)
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 protocol (2.4G/5G dual band Wi-Fi)
Frequency	2.4G、5G
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/B13/B14/B17/B19/B20/B25/B26/B28A/B28B/B66)
	WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800 MHz)
	CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)



#### 4) Wireless PAN

BT	Specification
Mode	BT 4.2+BR/EDR+BLE
Range	More than 10 meters

#### Optional Accessories

	Type
Accessory	Single charging cradle(1 terminal, 1 battery charging), 4-slot charging cradle, 4-slot battery charging cradle, pistol grip, hand strap, Boot case