

**UROVO**

# UROVO RT40

## Specifications



**UROVO Technology Co., Ltd.**



## Specifications

Performance	Model	UROVO RT40
	OS	Android Q (10)
	Processor	Qualcomm Octa-core 1.8GHz Qualcomm Octa-core 2.2GHz (optional)
	Storage	3GB RAM/ 32GB ROM 4GB RAM/ 64GB ROM (optional)
	Extension	microSD card, Max.128GB extension
Basic specification	Dimension	199 x 58(handle) x29(thinnest) mm (78.34 x 22.83 x 11.41 in)
	Weight	425g
	Screen	4 inch 480*800 pixel
	Cover glass	Corning Gorilla
	Main battery	3.85V 5,200mAh Support battery swap, exchange battery without boot-up
	Charging time	Less than 3 hours
	Voice	Earpiece, speaker, microphone Support PTT (Push-to-Talk), speaker loudness over 100dB at 10cm
	Buttons	38 keys isolation keyboard
	Gun Grip	Gun grip version with scan trigger is optional
	Camera	Rear camera: 13M pixel with flashlight. (Not supported for gun grip version)
	Sensor	Light sensor, proximity sensor, Accelerometer (optional), e-compress (optional), gyro sensor (optional)
	Scanner	Standard range scanner and extended range scanner are optional Support all industry-leading 1D/2D barcode on paper or screen
	Slot	Nano SIM*1, PSAM/ SIM*1 (self-adaption)
Communication	WAN	2G/3G/4G
	Bluetooth	BT 5.0 + BR/EDR + BLE
	WIFI	802.11 a/b/g/n/ac/d/e/h/i/k/r/v/w 2.4GHz/ 5GHz
	GNSS	GPS, BeiDou, GLONASS, Galileo
Environment	Working temperature	-30° C ~ +50° C (Equipped with heater of screen & imager window)
	Storage temperature	-40° C ~ +70° C
	Humidity	5% ~ 95% RH (non-condensing)
	Drop test	1.8m (5.9 ft.) flat concrete



	Tumble test	1000 times 1m (3.3 ft.)
	IP rate	IP68
	ESD	±15kV air, ±8kV direct

## Data capture parameter

### 1) Camera

Camera	Rear camera
Rear camera	13M pixel
Focus	Auto-Focus
Video recording	Max. resolution and frame rate: 1920 x 1080(1080p), 30fps

### 2) Scan engine

Optional #1	Standard range 2D high performance
Roll	360°
Skew	±60°
Pitch	±60°
Support symbology	UPC/EAN ,Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128 ,GS1-128 ,ISBT 128 ,Code 39 ,Trioptic Code 39,Code 32,Code 93,Code 11,Interleaved 2 of 5,Discrete 2 of 5,Codabar ,MSI ,Chinese 2 of 5 ,Korean 3 of 5 ,Matrix 2 of 5 ,Inverse 1D ,GS1 DataBar ,Composite Codes ,PDF417,MicroPDF417,Data Matrix,Data Matrix Inverse,Maxicode,QR Code,MicroQR,QR Inverse,Aztec,Aztec Inverse,Han Xin,Han Xin Inverse, Postal Codes,US Postnet,US Planet,UK Postal,Japan Postal,Australian Postal,Netherlands KIX Code,USPS 4CB/One Code/Intelligent Mail,UPU FICS Postal
Optional #2	Extended range 2D high performance
Roll	360°
Skew	±60°
Pitch	±60°
Support symbology	UPC/EAN ,Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128 ,GS1-128 ,ISBT 128 ,Code 39 ,Trioptic Code 39,Code 32,Code 93,Code 11,Interleaved 2 of 5,Discrete 2 of 5,Codabar ,MSI ,Chinese 2 of 5 ,Korean 3 of 5 ,Matrix 2 of 5 ,Inverse 1D ,GS1 DataBar ,Composite Codes ,PDF417,MicroPDF417,Data Matrix,Data Matrix Inverse,Maxicode,QR Code,MicroQR,QR Inverse,Aztec,Aztec Inverse,Han Xin,Han Xin Inverse, Postal Codes,US Postnet,US Planet,UK Postal,Japan Postal,Australian Postal,Netherlands KIX Code,USPS 4CB/One Code/Intelligent Mail,UPU FICS Postal

### 3) RFID(HF)

RFID	Read/Write( HF)
Tag type	ISO15693 ISO14443: ISO14443 Type A, ISO14443 Type B MIFARE: Mifare S50, Mifare S70, Mifare UltraLight, Mifare Pro, Mifare Desfire etc., FeliCa



Frequency	13.56MHz
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## Data transfer parameter

### 1) GNSS

GNSS	Parameter
Mode	Support GPS (L1 1.575GHz C/A code) , Beidou (B1 1.561GHz) , GLONASS(L1 1.602GHz), Galileo (L1 1.575Ghz)
Clod start	Less than 40s
Max channel numbers	31 channel
Sensitivity	-130dB (SNR 40dBHz)
Accuracy	5-10m (OPEN SKY)

### 2) WLAN

Wifi	WLAN
Protocol	IEEE 802.11a/b/g/n/ac (2.4G/5G WIFI)
Frequency	2.4G、 5G
Channel	CH1-CH13, CH34-CH140, CH149-CH165
Security	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA WEP, WPA/WPA2-PSK, WAPI , WAPI-PSK
Roaming	Support 802.11r fast/seamless roaming

### 3) WWAN

WWAN	WWAN parameter	
WWAN	4G	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)
	3G	WCDMA(B1/B2/B4/B5/B8) GSM/EDGE/GPRS(850/900/1800/1900) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
	2G	CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)

### 4) PAN

Standard	BT parameter
Support mode	BT 5.0 + BR/EDR + BLE
Connect range	Over 10m

## Accessories



Accessories	Accessories types
Accessories	Gun grip version, hand strap, single cradle, 5-chain cradle, 4-slot battery charger