



# UROVO RT40S

## Specifications



UROVO Technology Co., Ltd.



## Specifications

Performance	Model	UROVO RT40S
	O S.	Android Q (13), GMS
	Processor	Qualcomm Octa-core 2.45 GHz
	Memory	4GB RAM, 64GB ROM
	Extended memory	Micro SD card, Up to 128 GB
Basic specification	Dimension	199 x 58 x 29(thinnest) mm (7.834 x 2.283 x 1.141 in)
	Weight	425g
	Display	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
	Audio	Earpiece, speaker, microphone Support PTT (Push-to-Talk), speaker loudness over 100dB at 10cm
	Buttons	38 keys isolation keyboard (Optional 51 keys keyboard)
	Camera	Rear camera: 13M pixel with flashlight
	Sensors	Light sensor, proximity sensor, e-compress
	Scanning	Standard range scanner and extended range scanner are optional Support all industry-leading 1D/2D barcode on paper or screen
Slots	Nano-SIM*1, PSAM/ SIM*1 (self-adaption)	
Communication	WWAN	2G/3G/4G
	Bluetooth	BT 5.0 + BR/EDR + BLE
	Wi-Fi	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/v/w/mc/ax ready, 2.4GHz/5GHz, 2x2 MU-MIMO, Wi-Fi 6 Ready
	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 Specification	1.8m (5.9 ft.) flat concrete
	Tumble Specification	1000 times 1m (3.3 ft.)
	Sealing	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,Maxi-code,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,Maxi-code,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



## 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)
Cold start time	Less than 40s
Max channel	31 channel
Sensitivity	-130dB (SNR 40dBHz)
Accuracy	5-10m (open space)

### 2) WLAN

Wi-Fi	WLAN
Protocol	IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/w/mc/ax ready, (2.4G/5G Wi-Fi)
Frequency	2.4G、 5G
Working Channels	CH1-CH13, CH34-CH140, CH149-CH165
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 (AES),EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC , LEAP and EAP-PWD; WPA3 Enterprise 192-bit mode (GCMP-256) - EAP-TLS; Enhanced Open (OWE); WPA3-FT, SCV (Server Certificates Validation)
Fast 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) 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	Specification
Support mode	BT 5.0 + BR/EDR + BLE
Connect range	Over 10m



## Accessories

	Type
Standard Accessories	Adapter*1, Type-C cable*1, Battery*1, Hand Strap*1, Instructions & Security Information & Warranty Card*1
Optional Accessories	Gun Grip, Single Slot Charging Cradle, 5-Slot Charging Cradle, 4-Slot battery charging Cradle, Holster, Boot Case