



UROVO CT48

Specifications



UROVO Technology Co., Ltd.





Specifications

Performance	Model	UROVO CT48
	O.S.	Android 12.0
	Processor	Octa-core 2.0GHz
	Memory	RAM: 2GB , ROM: 32GB RAM: 4GB , ROM: 32GB (Optional)
	Extended memory	Micro SD card, Up to 256 GB SDXC
Basic specifications	Dimensions	165.7*66*18 mm
	Weight	8.82 oz./252 g with standard battery
	Display	4.0 inch display, 480 x 800
	Touch Screen	Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers
	Main battery	Capacity: 3.85V 5000mAh
	Charging time	Less than 4 hours
	Buttons	Virtual keys: return key, home key, menu key Number keys: 0-9, "." 1Aa key: Number and Letter mode switching Fn key: Function Combination key Function keys: P1, P2 Side Scan Key * 2, Front Scan Key * 1, Side Power Key * 1 Direction Key * 4 (Up, Down, Left and Right) Delete Key * 1, Enter Key * 1, TAB Key * 1
	Camera	Front default none, (2MP Optional); Rear 13MP Autofocus ; Flash LED
	Sensors	Light + Proximity + Accelerator(optional) + Gyro(optional)
	Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
	Slots	Nano-SIM x 1 , Micro SD *1 (up to 256GB), eSIM x 1(optional)
	Audio	Dual-Microphone with noise cancellation, 1.5W Speaker for loud noise , earpiece supports echo cancellation
	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.	-10°C to 50°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	IP65
	ESD	+/-15kv Air; +/-8kv contact

Data Capture Specifications

1) Camera

Front Camera (optional)	
Pixels	2MP Fixed Focus
Rear Camera	
functions	Flash light(700mA), Autofocus, 1080p video recording
Pixels	13MP Autofocus

2) Scan Engine

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

3) RFID(HF/NFC)

RFID	Read/Write(HF)
Protocol	ISO15693、ISO14443 A/B 、Mifare、Felica
Frequency	13.56MHz
Mode	Card Emulation、Peer-to-Peer、Reader via Host and UICC
Reading Range	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 40 dBHz)
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 Wi-Fi)
Working Channels	CH1~CH13, CH34-CH140, CH149~CH165, depends on country (region)
Security and Encryption	802.1x,TKIP, AES, PEAPv1, EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD,SIM, AKA, WEP, WPA/WPA2-PSK, WAPI, WAPI-PSK
Fast roaming	PMIKD caching;Support 802.11r fast roaming(Over-the-Air), roaming threshold can be set

3) Wireless WAN

WAN	Specification
Frequency band	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B) WCDMA(B1/B2/B4/B5/B8) CDMA&EVDO:BC0 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
Standard Accessory	Adapter*1, Type-C cable*1, Battery*1, Instructions & Security Information & Warranty Card*1
Optional Accessory	Single Slot Charging cradle, Screen protector, Hand Strap,Rugged Boots

