



UROVO CT58

Specifications



UROVO Technology Co., Ltd.



Specifications

Performance	Model	UROVO CT58
	O.S.	Android 12.0
	Processor	Octa-core 2.0GHz
	Memory	RAM: 4GB , ROM: 64GB RAM: 4GB , ROM: 32GB (optional)
	Extended memory	Micro SD card, Up to 256 GB SDXC
Basic specifications	Dimensions	155*71*16.8mm
	Weight	8.82 oz./265 g with standard battery
	Display	5.5 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 5000mAh
	Charging time	Less than 4 hours
	Buttons	PWR button, Vol+/- button, Scan button*2
	Camera	No Front (5MP optional), Fixed Focus Rear 13MP with flash, Auto Focus
	Sensors	Light + Accelerator+ Proximity + Hall switch + Barometer (optional)
	Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
	Slots	One slot, Nano-SIM x 1(Either Micro SD x 1 up to 256GB), eSIM x 1(optional)
	Audio	Single-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	5MP
Rear Camera	
functions	Flash light(700mA), Auto-focus, 1080p video recording
Pixels	13MP, Auto-focus, 1080p video recording

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	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

WWAN	Specification
Default 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, Trigger Handle, Screen Protector, Hand Strap, Hand Rope, Rugged Boot