UROVO

UROVO P8100/P8100P

Specifications

Specifications

Performance	Model	UROVO P8100
	O.S.	
	Processor	
	Memory	RAM: 4GB ROM: 64GB RAM: 6GB ROM: 128GB(optional)
	Extended memory	Micro-SD card, Up to 256 GB
Basic specifications	Dimensions	255.4*175*18.5mm
	Display	
	Touch Screen	Ultra sensitive capacitive touch panel , support multi-touch, works with gloves and wet fingers
	Main battery	
	Buttons	PWR key, Vol+/- key, scan key
	Camera	Front 5MP, Rear 13MP with flash
	Sensors	Light + Accelerator+ Geomagnetic + Gyro
	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	Dual-microphone with noise cancellation Dual-Speaker, rated power 1.2W Support 3.5mm audio jack
	Interfaces	USB Type-C、3.5mm ear phone jack、Pogopin
Network Connections	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
	WAN	Dual-SIM, Dual-Standby
		4G, 3G, 2G
	Bluetooth	BT 5.0 + 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	Temperature	-20°C to 60°C
	Storage	-40°C to 70°C
	Humidity	5%RH～95%RH (No condensation)
	Drop Specification	Multiple 1.2 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	5MP, Fix-focus,

2) Scanner Engine

Spec	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Laser safety level	Class 2
Barcodes support	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 2D Stacked: PDF417, MicroPDF417, GS1 Composite 2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code

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 WIFI)

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	4G/3G/2G： GSM/EDGE/GPRS(850/900/1800/1900) CDMA1x WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) 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)

4) Wireless PAN

BT	Specification
Mode	BT 5.0+BR/EDR+BLE
Range	More than 10 Meters

Optional Accessories

Accessory	Type
Standard	Type-c cable，QC adaptor
Optional	Screen Protector，Charging Cradle，Hand Strap， Stylus，Wall Mounted Bracket