

UROVO

UROVO i9000S

Android Smart POS

Specifications



UROVO Technology Co., Ltd.



Specifications

O.S	Android 5.1
Processor	AP: Quad-core 1.2GHz SP: MAX32555
Memory	RAM: 2GB ROM: 16GB
Display	5.0" display, 1280×720
Buttons	Volume +/- key, power key, tab, scan key x2,Fn key, cancel key, delete key, enter key.
Network Connection	FDD-LTE, TDD-LTE, WCDMA, GSM/EDGE/GPRS Bluetooth: BT 4.1+BR/EDR+BLE Wi-Fi: IEEE 802.11 b/g/n 2.4GHz
Camera	Rear 5MP AF
Scanning	Rear camera decoding 2D scan engine (optional)
Payment	Magnetic stripe card: Support magnetic 1/2/3 track card, bidirectional swipe, and meet the standards of ISO7811/7812/7813 IC Card: Meet the standard of ISO/IEC 7816 Contactless Card: Support Mifare, type A/B/C , Felica
Thermal Printer	Media type: Receipt paper Media roll size: 30mm Media width: 48mm printing paper Resolution: 203dpi (8dot/mm) Print speed: 50mm/s Supports 1D/2D bar code printing
Audio	Speaker (1W), microphone, Beeper,Receiver
Positioning	GPS, A-GPS, BEIDOU, GLONASS
Slot	Standard SIMx1, PSAMx2 Micro SD/TFx1, up to 128 GB
Interface	Mini USB (data transferring and charging, USB OTG 2.0) DC Jack (charging) 3.5mm audio jack Pogopin (8pin)
Fingerprint	Optical fingerprint sensor (optional)
Notification LED	Contactless Notification LED, Blue/ Yellow/ Green/ Red Power LED
Battery	3.8V/ 5000mAh
Adaptor	Input: 100~240V AC 50~60Hz Output: 5V/1.5A
Environment	Operating: -10°C~50°C Storage: -40°C ~ 70°C Humidity: 5%RH ~ 95%RH (No condensation) Drop resistance: multiple 1.2m drops to concrete Tumble Spec: 200 times 1m tumbles



Physical	L x W x H (mm): 184 x 81 x 51 (32mm thinnest) Weight (g): 521g
Certification	CE, FCC, RoHS, PCI, EMV LEVEL 1&2certificated, EVM contactless LEVEL 1 certificated, PayWave, PayPass, American Express Expresspay certificated etc.

Data Capture Specifications

1) Camera

Rear Camera	
functions	Flash light, Auto-focus, Video
Pixels	5MP

2) RFID(HF)

RFID	HF
Protocol	ISO15693 ISO14443: ISO14443Type A, ISO14443Type 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)

3) Scan engine (optional)

	Standard 2D scanner
Rotate angle	360°
Skew Tolerance:	±45°
Pitch Tolerance:	±45°
Support code	Aztec, Codabar, Codablock F, Code 11, Code 16K, Code 128, Code 2of 5, Code39, Code 49, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, IATA Code 2 of 5, Interleaved 2of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI, PDF417, Postal Codes(Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, NeTEerlands Post, Planet Code, Postnet), Plessey Code, PosiCode, QR Code, RSS Expanded, RSS Limited, RSS-14, TCIF Linked Code 39, Telepen, Trioptic Code, UPC-A, UPC E

4) Fingerprint module (optional)

Fingerprint	Specification
Frame rate	12 fps
Resolution	256*360 pixels
Scanned picture size	13mm*18.3mm(W*H)



Network Connections

1) Positioning

position system	Parameter
System type	GPS, A-GPS, Beidou, GLONASS
Frequency	GPS:L1(1.575GHz C/A code), BeiDou: B1(1.561GHz), GLONASS:L1(1.602GHZ)
Cold start	Less than 40 sec.
Max channel	31 channel
Sensitivity	-130dB (SNR 40dBHz)
Accuracy	5-10M (Open site)

2) Wireless LAN

WLAN	Specification
Protocol	IEEE 802.11 b/g/n 2.4GHz
Working channel	CH1~CH13, depends on country (region)
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) WWAN

WWAN	Specification
Worldwide Radio Frequency Band	TDD-LTE(B40) FDD-LTE(B1/B2/B3/B4/B5/B7/B8 /B20) WCDMA(B1/B2 /B5/B8) GSM/EDGE/GPRS(850/900/1800/1900)

4) Wireless PAN

	Specification
Mode	BT 4.1+BR/EDR+BLE
Range	More than 10 Meters

Optional Accessories

	Type
Accessory	stylus, thermosensitive paper ,Charging Cradle, Multi-Function Charging Cradle, Hand strap, Fingerprint module