

**UROVO**

# **UROVO i2000**

## **Smart MiniPOS Terminal**

### Specifications



**UROVO Technology Co., Ltd.**



## Specifications

O.S.	Android 9.0
Processor	AP: QM215, Quad-core SP: MH 1901H
Memory	RAM: 1GB ROM: 8GB RAM: 2GB ROM: 16GB (optional)
Display	4.0" display, 480×800
Button	PWR button, Vol+/- button, Custom button
Network Connection	FDD-LTE, TDD-LTE, WCDMA, CDMA2000, CDMA, GSM Bluetooth: BT 4.1+BR/EDR+BLE Wi-Fi: 802.11 b/g/n 2.4GHz
Camera	Rear 2MP FF (5MP AF optional)
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 ISO7810/7811/7813/7816 IC Card: Meet the standard of ISO/IEC 7816 Contactless Card: Support Mifare, type A/B/C , Felica
Audio	Speaker(1W), Buzzer
Positioning	GPS, A-GPS, BEIDOU, GLONASS
Slot	1xNano SIM+2xSAM or 1xNano SIM+1xSIM+1xSAM Micro SD/TFx1, up to 128 GB
Interface	1xType-C (data transferring and charging, USB OTG 2.0) Pogopin (2pin)
Notification LED	Contactless Notification LED, Blue/ Yellow/ Green/ Red Power LED
Battery	3.8V/ 2500mAh, Polymer Lithium Battery
Adaptor	Input: 100~240V AC 50~60Hz Output: 5V/2A
Environment	Operating: -10°C~50°C Storage: -20°C ~ 70°C Humidity: 5%RH ~ 95%RH (No condensation)
Physical	L x W x H (mm): 133.5 x 70 x 17 Weight (g): 222g
Certification	PCI PTS 6.x, EMV L1&L2, MasterCard TQM, EMV Contactless L1, MasterCard Contactless, Visa PayWave, CE

## Data Capture Specifications

### 1) Camera

Rear Camera	
functions	Flash light



Pixels	2MP, Fix-focus 5MP, Auto-focus (optional)
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## 2) Scanner Engine (optional)

Option 1	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Barcodes support	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, PDF417, MicroPDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code, 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: 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)

## Network Connections

### 1) Positioning

Positioning	Specification
Mode	GPS、A-GPS、BeiDou、GLONASS
Frequency	GPS ( L1 1.575GHz C/A code) , BeiDou ( B1 1.561GHz) , GLONASS(L1 1.602GHz)
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 802.11 b/g/n (2.4GHz WIFI)
Frequency	2.412GHz-2.472 GHz, depends on country (region)
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
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### 3) WAN

WAN	Specification
Worldwide Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/ B25/B26/B28A/B28B/B66) WCDMA(B1/B2/B4/B5/B8) CDMA2000 1x EV-D0 Rev.A BC0 (800MHz) CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)

### 4) Wireless PAN

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

### Certificates

	Certificates
International	PCI PTS 6.x, EMV L1&L2, MasterCard TQM, EMV Contactless L1, MasterCard Contactless, Visa PayWave, CE

### Optional Accessories

	Type
Accessory	Charging cradle, Integrated Android Pinpad stand, Multi-functional printing cradle