









# U6000

## MULTI-FUNCTION DATA TERMINAL

5.0-inch HD screen · High speed Quad - core

Android 9.0 system · 4G full Netcom

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|--|--|--|--|--|--|---|--|---|--|
| <br>Android | <br>4G          | <br>WIFI    | <br>Bluetooth             | <br>1D scanning | <br>2D scanning | <br>PSAM | <br>NFC | <br>Camera | <br>GPS |
| <br>UHF     | <br>Fingerprint | <br>ID card | <br>58mm<br>thermal print | <br>Infrared    |  |   |  |   |  |



# Product parameters

## Performance

Quad core	
CPU	Cortex-A53 Quad-core 64-bit 2.0GHz high-performance processor
RAM+ROM	2GB+16GB
Expand memory	Micro SD(TF) Supports up to 128GB
System	Android 9.0

## Data communication

WLAN	Dual-band 2.4GHz / 5GHz, Supporting IEEE 802 a/b/g/n/ac protocol
WWAN	2G: GSM (850/900/1800/1900MHz)
	3G: WCDMA (850/900/1900/2100MHz)
	4G: FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth 2.1+EDR/3.0+HS/4.1+HS Transm ission distance 5-10 meters
GPS	Support GPS, Galileo, Glonass, Beidou

## Physical parameter

Dimensions	178mm×78mm×24mm
Weight	<500g
Display	5.0 inch IPS color display with resolution 720*1280
TP	Corning Gorilla glass, supports multi-touch Supported gloves and wet hands
Battery capacity	Rechargeable polymer battery (3.7V 4800mAh) removable
	Standby time >350 hours
	Working time > 12 hours
Expansion Card slot	PSAM x 2, Micro SIM card x 1, TF card x 1, POGO Pin x 1
Communication interface	Type-C USB x 1, OTG
Audio	Speaker (mono), Microphone, Earpiece
Keypad	13 soft silicone buttons
Sensor	Gravity sensor, Vibration motor

## Language/input method

Input	English, Pinyin, Five strokes, Handwriting input, Support soft keypad
Language	Language packs in Simplified Chinese, Traditional Chinese, English, Korean, Japanese, Malaysian, etc.

## Data collection

Barcode scanning (Optional)	
1D Linear scanner	Mindeo SE966 Honeywell N4313
1D Symbolologies	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,C odaber,Interleaved 2 of 5,China post 25,ISBN/ISSN, Code93,UCC/EAN-128, GS1 Databar,HIBC, etc.

2D Imager scanner	Newland E483 N6601 Honeywell N3603 Honeywell N6603-w3
2D Symbolologies	PDF417, Micro PDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Hanxin Code, etc.

## Camera (Optional)

Rear camera	8MP HD camera, Support auto focus, Flash, Anti-shake, Macro shooting
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## Extended function

Infrared (Optional)	
Wavelength	940nm
Frequency	38kHz
Distance	> 4m
Protocol	DLT_645-2007, DLT_645-1997

## Fingerprint recognition (Optional)

Frequency	Configure TCS semiconductor sensor with live identification technology
Collection area	11.3×12.4mm
Resolution	508 dpi, 8-bit grayscale
Extraction format	ISO 19794, WSQ, ANSI 378, JPEG2000
Secure encryption	AES, DES key encryption for host communication channel

## ID card identification (Optional)

Radio frequency technology	Comply with ISO/IEC 14443 type B standard, and "GA 450-2003 desktop resident ID card reader general technical requirements", "1GA450-2003 desktop resident ID card reader general technical requirements first revised but (draft)"
Security module	ID verification system dedicated module
Distance	0~5cm
Reading use	< 1.55
Frequency	13.5MHz±7kHz

## NFC (optional)

Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm

## UHF (optional)

Frequency	840-960MHz
Protocol	EPCglobal UHF Class1 Gen2 / ISO 18000-6C
Distance	> 1.5m

## 125K (optional)

Frequency	125K/134.2K; ISO11784/ISO11785/FDX-B frequency
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## User environment

Operating temperature	-20℃ - 55℃
Storage temperature	-40℃ - 70℃
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	6 sides Supports 1.5 meters drops and 30 times to the concrete within the operating temperature
Rolling test	500×0.5m rolling for 6 sides
Protection level	IP66

## Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual
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Special Note: Product data is for reference only and subject to change without notice. Model: U6000 Update: 2021-03-29

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