

**Customized PDA Terminal Portable 1D 2D Barcode Scanner Android Uhf  
Rfid Handheld Reader**

# W6100-M

## UHF Handheld Terminal

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Name	W6100-M RFID Handheld
Operating System	Android 9.0
Processor	MT6671 Octa-Core 2.0GHZ
Memory Capacity	ROM:EMMC 16GB/RAM:EMMC 2GB
Network	4G/GPS/BT/ USB/WIFI (2.4G/5G Dual Frequency, ,IEEE802.11a/b/g/n/ac )
Display	5.0 inch Gorilla Glass 3 9H TFT-LCD(720x1440)touch screen with backlight
SDK	Handheld Software Development Kit
Language	JAVA
RFID Module	Thingmagic M6e-Micro
RFID Antenna	4dbi
RF Power Output	-5 ~ +30dbm
Max Tag Read Rate	750 tag/s
RFID Protocol Support	EPC Gen2/ISO180-6C,ISO18000-6B/IPX256/EPC Gen2V2/AEI ATA
Optional function	ACM :1D/2D barcode
Standard accessories	Battery *2 / USB cable*1 / DC Power *1
Power	DC 3.8V
Rechargeable li-ion polymer	9000mA
Degree of protection	IP 65
Shock Vibration	1.5m drop survival
Operating Temperature	-20°C to +50°C
Storage Temperature	-20°C to +70°C
Dimensions( mm)	166×79×31±2mm(without handle)
Weight(g)	650

# 5.5-inch IPS Highlight Display

**720\*1440 resolution**

The screen uses Corning Gorilla third-generation secondary tempered glass



# High-end Powerful Eight-core CPU

uses MediaTek's high-end Helio P60 processor,  
and is the first manufacturer in the industry to use this high-end processor.

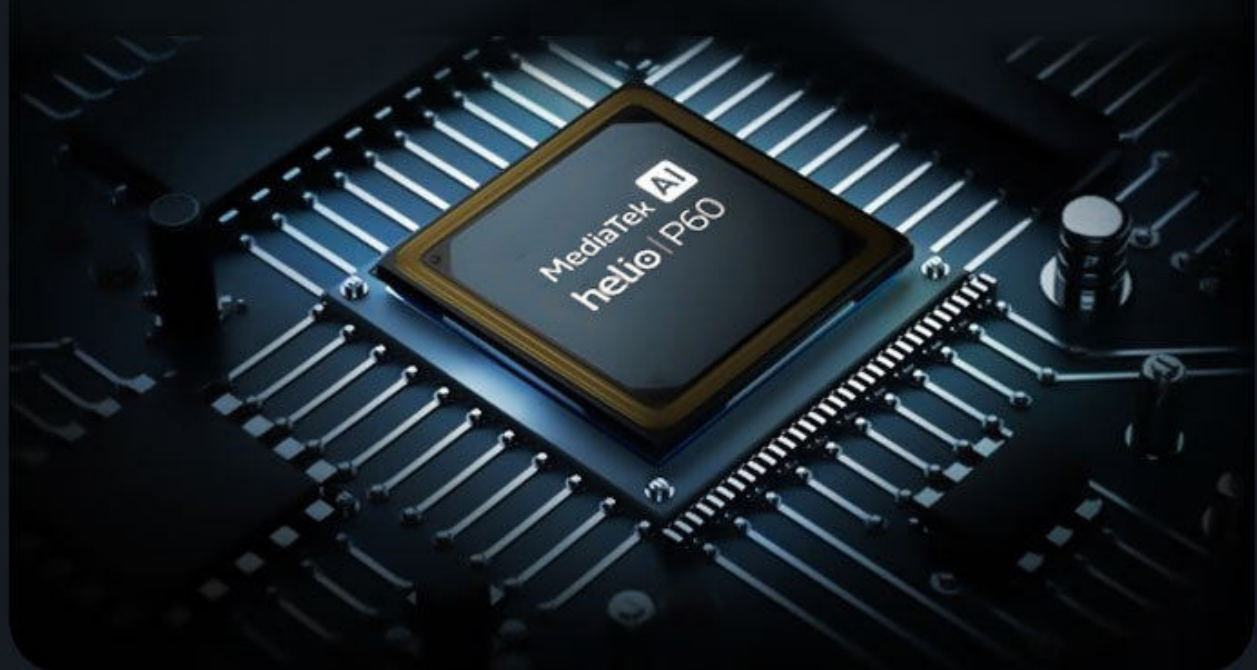
CPU uses ARM's four cores Cortex-A73 and four small cores Cortex-A53 architectures,  
the main frequency is up to 2.0Ghz.

Compared with other platforms, Helio P60 platform performance improved by more than 70%

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Other platforms

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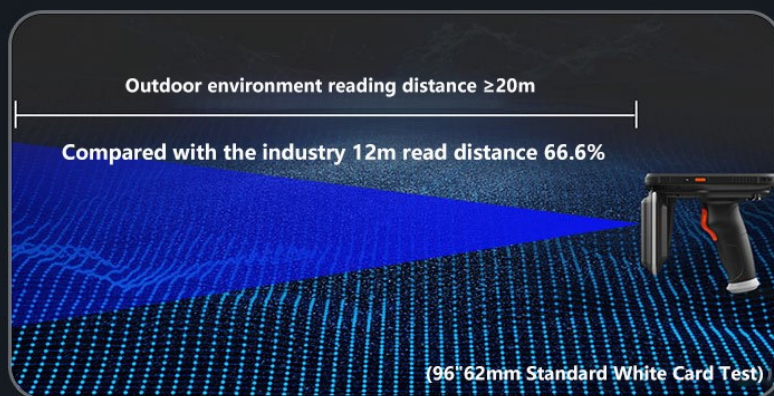
## Industry-leading RFID Read-write Performance

Unparalleled Reading Distance Performance

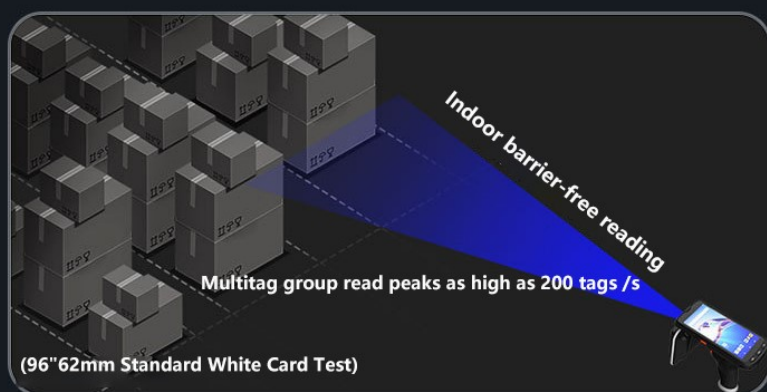
Strong Rf Penetration



### \* UHF Reading Demonstration in Outdoor Open Environment



### \* UHF Reading Demonstration in Indoor Environment



## Efficient and Accurate Code Scanning

Can integrate professional high-precision QR code scanning engine

Can identify all kinds of dirty, low-quality, bent barcodes



## Large Capacity Battery

Multi-frequency use throughout the day

Low power consumption + long range

Working hours can be up to 14 hours or more



# Convenient Battery Replacement and Removal

The back cover of w6100-M battery is fixed with a flat head screw

The semi-circular metal ring of the screw head can swing 180° forward and backward.

When removing and replacing the battery

semi-circular metal ring can be raised and the back cover of the battery can be easily opened by rotating

Say goodbye to the traditional and troublesome screwdriver operation

**Save time**

**Save Effort**

**Save Worry**





## AI Smart Camera

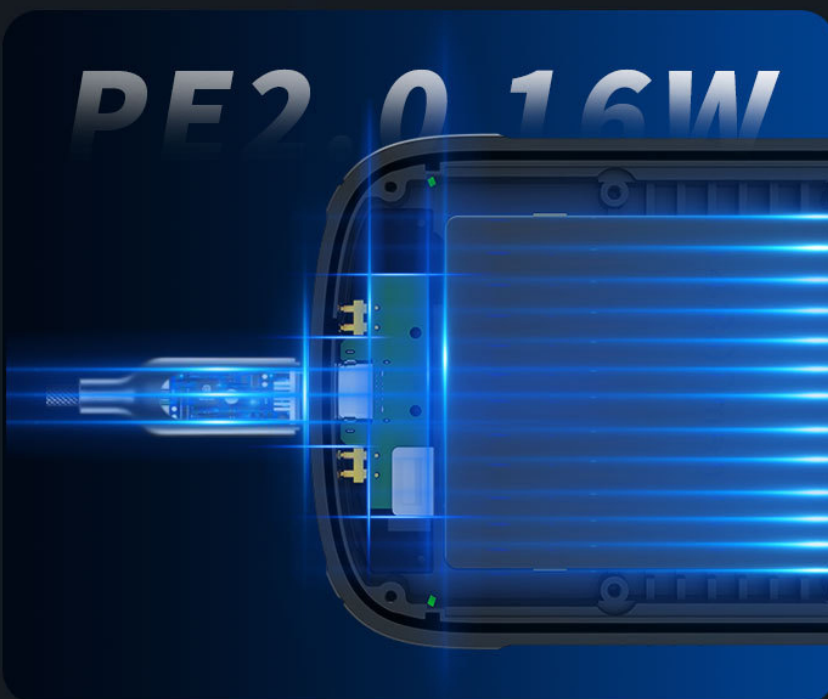
AI smart camera + 500W front pixel camera + 1300W rear pixel camera  
Faster face recognition speed and accuracy, and camera fluency.

Night shots are as usual



## Super Fast Charging

Support 5V2A/PE2.0 16W fast charging function  
0-100% full power time  $\leq 2$  hours  
Greatly shorten the charging time and increase the efficiency by more than 75%



## IP65 High Protection Standard

Waterproof

Dust completely imprisoned

Resist 1.5 m natural drop

Operating environment -20°C-50°C



## Dual-band WIFI Supports Wireless Roaming

When there are multiple aps in a network environment,  
will automatically switch to the wifi with the strongest connection signal,  
Effectively avoid data packet loss problem, make data transmission more reliable.

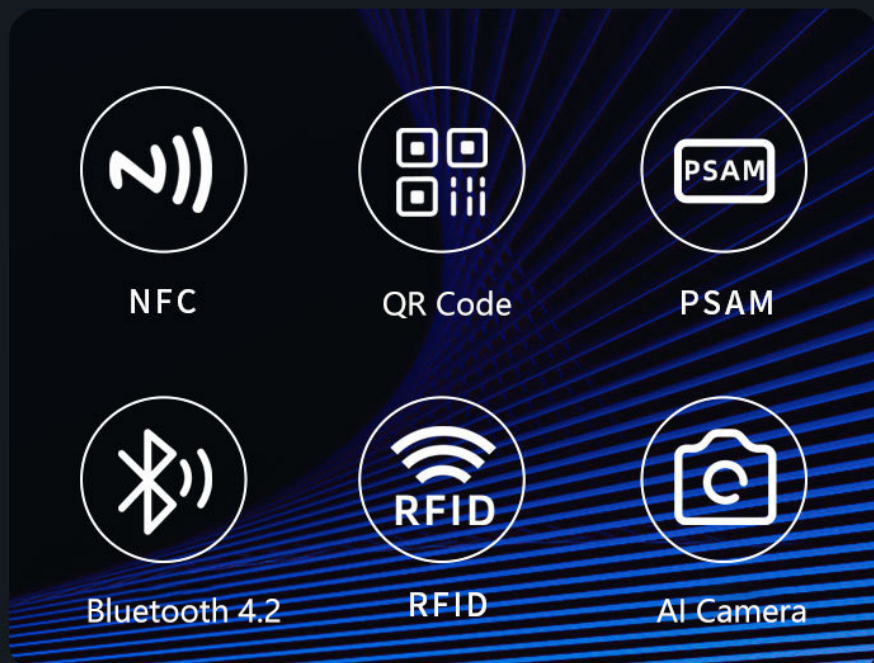
# 2.4G | 5G

Dual-band wifi supports wireless roaming



## Arbitrary Combination of Multiple Data Acquisition Functions

The whole machine adopts modular structure design,  
Flexible expansion of high frequency, overword frequency, bar code, NFC, PSAM and other functions



## Slide Rail Split Design

All the contact parts are treated with gold plating process.  
Effectively ensure the consistency of product functions and flexibility of assembly process,  
It also ensures good electrical contact performance.



## Multi-industry Application Scenarios

01



02



03



04



05



06



## Product Parameters

Operating System	Display	Whole Machine Size	Communication Interface	Data Communications
Android 10.0	5.5 Inch HD Screen 720 * 1440 Resolution	166*79*31±2mm (excluding shield handles)	1 Type-C interface	4G/3G/2G

Expansion Card Slot	Navigation System	CPU	Memory Capacity	Expanded Memory
1 SIM card slot 1 TF card slot 1 PSAM card slot	GPS navigation Beidou navigation	MT 6771 8-core 64 bit A73+A53 frequency 2.0Ghz	2+16GB(standard) 4+64GB(optional)	256GB

WIFI	Bluetooth	Battery Capacity	Fast Charging	Charging Time
2.4G/5G dual-band wifi Support wireless roaming function	Bluetooth4.2	9000mAh lithium polymer battery	5V2A/ PE2.0 16W	less than 6 hours

Camera	NFC	2D Barcode	RFID	Working environment
Front 500w Rear 1300w/2100w	Frequency 13.56Mhz 5-10cm distance	Support 2d barcode scanning	UHF: 20m HF: 0-7cm LF: 125k/ 134.2 Animal ear tags	-20°C~+50°C



# 20<sup>+</sup> YEARS EXPERIENCE OEM & ODM

## ACCESS CONTROL SYSTEMS ONE STOP SOLUTION PROVIDER

Goldbridge is Top 10 China Manufacture On Alibaba, Specializes In Provide Kinds Of RFID/NFC Cards, FID Tags, RFID Card Reader, UHF Reader, Access Control System, Electromagnetic Locks, etc Since 1999



Customized  
Services



Quality  
Assurance



Fast  
Delivery



Best After-  
Sales Service

## OUR FACTORY



### Access Control and RFID Reader Production Line:

- Monthly production quantity is up to 50,000pcs, We are Provides OEM&ODM services including product research and development, LOGO printing, customized etc



### Electromagnetic lock & Smart Door Lock Production Line :

- Monthly production quantity is up to 100,000pcs,
- Our factory is built with modern manufacture environment, facilities, equipment and professional operation technicians.
- Goldbridge Provides OEM&ODM services including product research and development, LOGO printing and product box customized.



### RFID & NFC Cards & Tags Production Line :

- RFID Tag, Wristband, Keyfob: 11,000,000pcs (monthly output)
- Four Production Lines For Smart Card, PVC Card, Prelam Sheet: 20,000,000pcs (monthly output)
- Goldbridge Provides OEM&ODM services for LOGO printing, development, customized.

## ADVANTAGE



### WHY CHOOSE US?

- 1 FAST DELIVERY** Faster delivery by air by express. (DHL, UPS or Fedex)
- 2 LONG HISTORY** 20 years experience in RFID & Access Control industry
- 3 OEM ACCEPTABLE** 20 years OEM&ODM experience for 1000 + VIP client from US and Europe
- 4 HIGH QUALITY** Design and manufacture high quality products with 30 R&D; engineers.

## APPLICATION

Bus, supermarket, school, government, hospital, factory



## CERTIFICATE

