



### Quick start

- Volume key**  
Adjust the volume.
- Power key**  
Short press: light the screen, lock the screen.  
Long press: in shutdown mode, long press for 2 to 3 seconds to turn on the device;  
in service mode, long press for 2 to 3 seconds, and you can choose to shut down or to reboot;  
in crashed mode, long press for 11 seconds to automatically reboot.
- Camera**  
Used for payment code scanning, supporting 1 D & QR code.
- SIM card slot**  
Note: this slot uses micro-SIM card;  
when inserting or taking out SIM card, the device must be always in shutdown mode. If it is inserted or taken out in the state of power-on, it may cause device fault.

### Notices

#### Safety Warning

Connect the AC plug to the AC socket corresponding to the marked input of the power adapter.  
To avoid injury, unauthorized persons shall not open the power adapter. This is a Class A product. This product may cause radio interference in living environments.  
In that case, the user may be required to take adequate measures against interference.

#### Significant Safety Instructions

Do not install or use the device during lightning storms to avoid the potential risks of lightning shock;  
Please turn off the power immediately if you notice abnormal odor, heat or smoke;

#### Suggestions

Do not use the terminal near water or moisture to prevent liquid from falling into the terminal;  
Do not use the terminal in extremely cold or hot environments, such as near flames or lit cigarettes;  
Use the terminal in a clean and dust-free environment if possible to prevent small items from falling into the terminal.  
Please do not use the terminal near medical equipment without permission.

#### Statements

The Company does not assume responsibilities for the following actions: Damages caused by use and maintenance without complying with the conditions specified in this guide;  
The Company will not assume any responsibilities for the damages or problems caused by optional items or consumables (rather than the initial products or approved products of the Company). The customer is not entitled to change or modify the product without our consent.  
The product's operating system supports official system updates, but if you change the operating system into a third party ROM system or alter the system files by system cracking, it may cause system instability and security risks and threats.

#### Disclaimer

As a result of product upgrading, some details in this document may not match the product, and the actual product shall govern. The Company reserves the right of interpretation of this document. The Company also reserves the right to alter this specification without prior notice.

### Table for Names and Content Identification of Toxic and Hazardous Substances in this Product

Part Name	Toxic or Hazardous Substances and Elements									
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE	DEHP	DBP	BBP	DBP
Circuit Board Component	X	0	0	0	0	0	0	0	0	0
Structural Component	0	0	0	0	0	0	0	0	0	0
Packaging Component	0	0	0	0	0	0	0	0	0	0

0: indicates that the content of the toxic and hazardous substance in all homogeneous materials of the component is below the limit specified in SJ/T 11363-2006.

X: indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the component exceeds the limit stipulated in SJ/T 11363-2006. However, as for the reason, because there is no mature and replaceable technology in the industry at present.

The products that have reached or exceeded environmental protection service life should be recycled and reused according to the Regulations on Control and Management of Electronic Information Products, and should not be discarded randomly.

### Declaration of Conformity



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BE	BG	CZ	DK
DE	EE	IE	EL
ES	FR	HR	IT
CY	LV	LT	LU
HU	MT	NL	AT
PL	PT	RO	SI
SK	FI	SE	UK

Hereby, Shanghai Sunmi Technology Co., Ltd. declares that the Wireless data ordering system (Model No.: T7821) is in compliance with the essential requirements and other relevant provisions of RED 2014/53/EU. This product can be used across EU member states.  
CAUTION: The user has to turn off the 5GHz WiFi in outdoor environment.  
5.8G SRD receiver category: 1

#### CE certification information (SAR)

This device was tested for typical body-worn operations with the back of the handset kept 5mm away. To maintain compliance with RF exposure requirements, use accessories that maintain a 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

If you are using pacemaker, hearing aid, cochlear implant or other device, please use the phone according to the doctor's advice.

#### PRODUCT SAFETY WARNINGS

Use responsibly. Read all instructions and safety information before use to avoid injury. The limit operating ambient temperature of the equipment declared by the manufacturer is -10~45°C

#### Battery safety

Charge battery only at ambient temperatures ranging from 40°C.  
(1) CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer.  
Dispose of used batteries according to battery manufacturer's instructions.  
(2) CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.  
(3) CAUTION: Battery charging temperature upper limit is 40°C.

#### Adapter safety

When charging, please place the device in an environment that has a normal room temperature and good ventilation. It is recommended to charge the device in an environment with a temperature that ranges from 0°C~40°C.  
For altitude 2km below use only

#### Camiflash safety

LED is only used as indicating light.

#### Wi-Fi Safety

Turn Wi-Fi off in areas where Wi-Fi use is prohibited or when it may cause interference or danger, such as in airplanes while flying.

### Technical features and characteristic

	Operation Frequency	Transmitted
EGSM900	880MHz-915MHz	27.7dBm(GPRS(4 TX-Slot GMSK))
		20.4dBm(EGPRS(4 TX-Slot 8PSK))
DCS1800	1710MHz-1785MHz	25.3dBm(GPRS(4 TX-Slot GMSK))
		20.9dBm(EGPRS(4 TX-Slot 8PSK))
WCDMA BAND I	880MHz-915MHz	22.39dBm
WCDMA BAND VIII	1920MHz-1980MHz	22.61dBm
FDD Band 1	1920MHz-1980MHz	22.53dBm
FDD Band 3	1710MHz-1785MHz	23.36dBm
FDD Band 7	2500MHz-2570MHz	22.50dBm
FDD Band 20	832MHz-862MHz	22.49dBm
TDD Band 38	2570MHz-2620MHz	23.76dBm
TDD Band 40	2300MHz-2400MHz	22.37dBm
WIFI	2412MHz-2472MHz	18.1dBm E.I.R.P
		15.0dBm E.I.R.P
SRD	5725MHz-5850MHz	13.96dBm E.I.R.P
BT	2402MHz-2480MHz	9.9dBm E.I.R.P

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
- FCC ID: 2AH25M2  
NOTE: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.  
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
---Reorient or relocate the receiving antenna.  
---Increase the separation between the equipment and receiver.  
---Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
---Consult the dealer or an experienced radio/TV technician for help.  
Body-worn Operation  
This device was tested for typical body-worn operations. To comply With RF exposure requirements, a minimum separation distance of 1.0cm must be maintained between the user's body and the handset, including the antenna.  
Third-party belt-clips, holsters, and similar including the antenna.  
Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

#### Specific Absorption Rate (SAR) information:

This wireless phone meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.  
FCC RF Exposure Information and Statement. The SAR limit of USA (FCC) is 1.6W/kg averaged over one gram of tissue.  
Device types: T8900&T8901 has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body is 1.524W/kg (1gSAR, test distance: 5mm, limit 1.6W/kg). This device was tested for body-worn operations with the back of the handset kept 10mm and 5mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm and 5mm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

#### Manufacture

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