



SUNDRAY  
信锐技术

## 用户服务手册



请微信扫码获取安装资料

Web: <http://www.sundray.com.cn>

## 安全注意事项

为了避免造成环境污染和人身伤害，请在安装设备前阅读下面的注意事项，本注意事项无法涵盖所有可能的风险。

- 1、请采取必要的安全措施确保安装人员的人身安全，并保护设备不被损坏。
- 2、请确保安装地面平整，干燥，并做好必要的防滑措施。
- 3、请确保安装的设备清洁，没有灰尘。
- 4、请不要把设备放在潮湿的地方，并确保安装的位置不会积水或者漏雨。
- 5、请不要把设备和安装工具放置在人行通道上。
- 6、请在拆卸设备前，确保切断电源，拔出插头和线缆。
- 7、请检查安装现场的接地条件，根据实际情况把接地工作做好。

## 电子电气产品有毒有害物质申明

| 部件名称    | 有毒有害物质或元素 |           |           |               |               |                 |
|---------|-----------|-----------|-----------|---------------|---------------|-----------------|
|         | 铅<br>(Pb) | 汞<br>(Hg) | 镉<br>(Cd) | 六价铬<br>(Cr6+) | 多溴联苯<br>(PBB) | 多溴二苯醚<br>(PBDE) |
| 结构件     | ×         | ○         | ○         | ○             | ○             | ○               |
| 单板/电路模块 | ×         | ○         | ○         | ○             | ○             | ○               |
| 信号线     | ×         | ○         | ○         | ○             | ○             | ○               |
| 线缆连接器   | ×         | ○         | ○         | ○             | ○             | ○               |
| 电源适配器   | ×         | ○         | ○         | ○             | ○             | ○               |
| 配套设备    | ×         | ○         | ○         | ○             | ○             | ○               |

本表格依据 SJ/T 11364 的规定编制

○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。  
×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

- 1、外壳等结构件：其中的钢材、铝材或钢材中含铅。
- 2、单板/电路模块：
  - PCB 表面焊盘含铅。
  - 单板上陶瓷/穿心/云母电容和贴片电感含铅。
  - 钟振内部电阻含铅。
  - 光收发一体模块内部光玻璃和光接头等部位含铅。
  - 射频同轴连接器含铅。
  - 变压器内部连接点用刮铅含量在 85% 以上的高温焊料。
  - 贴片电感，铅用于光玻璃中。
  - 晶体管芯片焊接使用的高温焊料属于有铅焊料。
  - 电阻器使用了陶瓷、陶瓷中含铅。
  - 单板上 IC、电源等元件引脚及焊料含铅等。
- 3、信号线：其中的钢材、铝、铜等合金材料中含铅。
- 4、线缆连接器：大部分连接器金属外壳、端子等含铅，引脚含铅等。
- 5、电源适配器：内部含铅。
- 6、配套设备中的电路板含铅，同上述第 1 条、第 2 条。

## 合格证

型号：\_\_\_\_\_ 质 检：\_\_\_\_\_

## 产品保修卡

(服务条例详见服务合同)

### ● 产品资料

名称：\_\_\_\_\_ 商标：\_\_\_\_\_

型号：\_\_\_\_\_ 产地：\_\_\_\_\_

设备编号：\_\_\_\_\_

设备ID：\_\_\_\_\_

### ● 客户资料

客户名称：\_\_\_\_\_

联系人：\_\_\_\_\_

联系电话：\_\_\_\_\_

回寄地址：\_\_\_\_\_

故障描述：\_\_\_\_\_

### ● 经销商签章

销售单位：\_\_\_\_\_

地址：\_\_\_\_\_

销售电话：\_\_\_\_\_

销售日期：\_\_\_\_\_

制造商：深圳市信锐网络科技有限公司

免费售后服务热线：400-878-3389

#### FCC Warning

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

#### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.



905-01347-11



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## User Service Manual



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### Safety Precautions

To avoid environmental pollution and personal injury, please read the following precautions before installing the equipment. These precautions cannot cover all possible risks.

1. Please take necessary safety measures to ensure the personal safety of installation personnel and protect the equipment from damage.
2. Please ensure that the installation ground is flat, dry, and take necessary anti-skid measures.
3. Please ensure that the installed equipment is clean and free of dust.
4. Please do not place the equipment in a damp place and ensure that the installation location does not accumulate water or leak rain.
5. Please do not place equipment and installation tools on pedestrian walkways.
6. Before disassembling the device, make sure to cut off the power, unplug the plug and cable.
7. Please check the grounding conditions at the installation site and carry out the grounding work according to the actual situation

### Declaration on Hazardous Substances in Electronic Electrical Products

| Parts                | Hazardous Substances |    |    |      |     |      |
|----------------------|----------------------|----|----|------|-----|------|
|                      | Pb                   | Hg | Cd | Cr6+ | PBB | PBDE |
| Mechanical part      | X                    | O  | O  | O    | O   | O    |
| Board/circuit module | X                    | O  | O  | O    | O   | O    |
| Signal cable         | X                    | O  | O  | O    | O   | O    |
| Cable connector      | X                    | O  | O  | O    | O   | O    |
| Power adapter        | X                    | O  | O  | O    | O   | O    |
| Auxiliary equipment  | X                    | O  | O  | O    | O   | O    |

The table is compiled in accordance with the provisions of SJ/T 11364

O: Indicates that the concentration of the hazardous substance contained in all the homogeneous materials of this part is below the limit requirement of the GB/T 26572 standard.

X: Indicates that the concentration of at least one of the hazardous substance contained in all the homogeneous materials of this part is above the limit requirement of the GB/T 26572 standard.

#### NOTE

- Mechanical part such as shell: The steel, aluminum or copper materials contain lead.
- Board and circuit module:
  - The PCB pad contains lead.
  - Ceramic capacitor or feedthrough capacitor or mica capacitor on the board: The ceramic chip contains lead.
  - The resistor inside the clock oscillator is immune from lead.
  - The high temperature type solder, used for connector inside the transformer, contains more than 85% lead.
  - The luminescence glass of chip inductor contains lead.
  - The high temperature type solder used for the transistor chip contains lead.
  - The glass of resistance layer and protection layer is immune from lead.
  - The pin and solder of the components such as the IC and power unit contain lead.
- Signal cables: The alloy materials such as the steel, aluminum, and copper materials contain lead.
- Cable connector: For most connectors, the metal shell, terminal and pin contain lead.
- Power adapter: The interior contains lead.
- The circuit board of the auxiliary equipment contains lead. Same as point one and point two.

### Certification

MODEL: \_\_\_\_\_

CHECKER: \_\_\_\_\_

### SUNDRAY Warranty Card

(Please refer to Service Contract for Service Clauses)

#### Product Information

Name: \_\_\_\_\_ Trademark: 

Model: \_\_\_\_\_ Place of Origin: Shenzhen

Equipment Code: \_\_\_\_\_

Equipment ID: \_\_\_\_\_

#### Customer Information

Name: \_\_\_\_\_

Contact: \_\_\_\_\_

Tel: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Fault Description: \_\_\_\_\_

#### Seal of Dealer

Reseller: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_

Date of Selling: \_\_\_\_\_

Manufacturer: SUNDRAY Technologies Co., Ltd

### Warning

1) Please use common Ethernet Cable or adapter, Otherwise, It may result to danger. When you use a charger for charging, adapter shall be installed near the equipment and shall be easily accessible.

2) This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 20cm must be maintained between the user's body and the handset, including the antenna.

3) This product can be used across EU member states.

2.4GWi-Fi frequency range: 2412-2472MHz, Maximum EIRP: 13.87 dBm

5.2GWi-Fi frequency range: 5180-5240MHz, Maximum EIRP: 16.35 dBm

5.3GWi-Fi frequency range: 5260-5320MHz, Maximum EIRP: 16.36 dBm

5.5GWi-Fi frequency range: 5500-5700MHz, Maximum EIRP: 15.39 dBm

5.8GWi-Fi frequency range: 5745-5825MHz, Maximum EIRP: 12.39 dBm

RED 2014/53/EU

Declaration Of Conformity

This product can be used across EU member states .

Hereby, **SPA Condor Electronics** declares that this **Notebook** is in compliance with the essential requirements and other relevant provisions of directive 2014/53/EU.

AL: ALBANIA; BE: Belgium; BG: Bulgaria; HR: Hrvatska; CY:

Cyprus; CZ: Czech Republic; DK: Denmark

EE: Estonia; FI: Finland; FR: France; DE: Germany; EL:

El Salvador; HU: Hungary; IE: Ireland;

IT: Italy; LV: Latvia; LT: Lithuania; LU: Luxembourg; MT: Malta; NL: Netherlands;

PL: Poland;

PT: Portugal; RO: Romania; SK: Slovakia; SI:

Slovenia; ES: Spain; SE: Sweden; UK: United Kingdom

This equipment may be operated in all European countries. The 5150- 5250 MHz of Wi-Fi 5GHz can be used indoors and outdoors only when the equipment is not attached to a fixed installation or to the external body of road vehicles, a fixed infrastructure or a fixed outdoor antenna. The 5250-5350 MHz of Wi-Fi 5GHz can be used inside buildings only. The 5470-5725 MHz band of Wi-Fi 5GHz can't be used in road vehicles, trains, aircraft or UAS (Unmanned Aircraft System) scenarios for the following countries:

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