



M6721-E-Z31M

# Quick Start Guide 快速入门

Default Login IP Adresse IP IP accesso predefinito 默认 IP 地址	User Name nom d'utilisateur nome utente 用户名
192.168.0.120	admin

Issue: 02  
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**Packing List and Qualification Card**  
装箱清单和合格证

Component 物品	PCS	Component 物品	PCS
Camera 网络摄像机	1	PVC insulation tape 绝缘胶带	1
Quick Start Guide 快速入门	1	Crimping terminal (0.75 mm <sup>2</sup> and 1.0 mm <sup>2</sup> ) 压线端子 (支持0.75mm <sup>2</sup> 和1.0mm <sup>2</sup> 的线缆)	2
Terminal 电源端子	1	2.5 mm flat-head screwdriver 一字螺丝刀 (刀头宽度为2.5mm)	1
Connector 转接头	1	H5 L-shaped hex key (for M6 screws) H5内六角L型扳手 (用于M6螺钉)	1
Waterproofing tape 防水胶带	1	Wi-Fi rod antenna WiFi棒状天线	1



合格证  
Qualification Card  
检验员(QC): PASS

**Additional Guides Available**  
资料获取路径

To obtain the latest documents, including the *Product Documentation* and *FOSS License Information*, visit <http://support.huawei.com/enterprise> and enter the camera model to search for related documents.

You can also log in to <http://support.huawei.com/enterprise> or scan the QR code using a mobile phone to download the Technical Support APP. Then start this app and choose **Products>Video Surveillance** to obtain the latest documents.

请登录 <http://support.huawei.com/enterprise> 网站，输入摄像机型号进行搜索，获取最新资料，包括《产品文档》和《开源软件使用声明》等。

您也可以用手机登录 <http://support.huawei.com/enterprise> 网站或者扫描右侧二维码，下载“华为企业服务 APP”，选择“产品 > 视频监控”获取最新资料。



Hiknow  
Technical Support APP  
华为企业服务 APP

**电子电气有毒有害物质申明**

部件名称	有毒有害物质或元素					
	Pb 铅	Hg 汞	Cd 镉	Cr6+ 六价铬	PBB 多溴联苯	PBDE 多溴二苯醚
结构件	×	○	○	○	○	○
单板/电路模块	×	○	○	○	○	○
线缆和线缆组件	×	○	○	○	○	○
纸质配件	○	○	○	○	○	○

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。

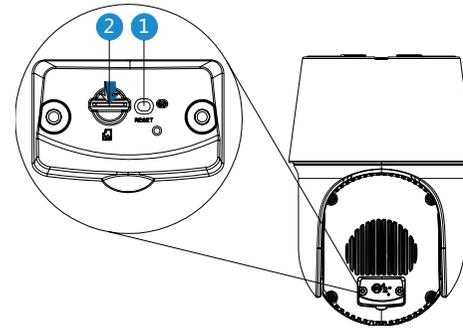
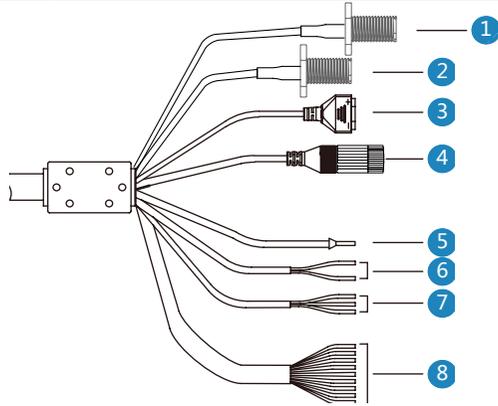


This product has an environment friendly use period (EFUP) of 20 years. Some replaceable parts have their own EFUP labels. The EFUP only applies to products operating under the conditions specified in their corresponding product manuals.  
 本产品的环保使用期限为20年，标识如左图所示。某些可更换的零部件会有一个不同的环保使用期限贴在其产品上。此环保使用期限只适用于产品是在产品手册中所规定的条件下工作。

針對臺灣地區，限制物質含有情況標示聲明書，請登錄 <http://support.huawei.com/enterprise> 網站，輸入對應的攝像機型號進行搜索，在對應的產品文檔下選擇“安裝指南 > 附錄 > 限制物質含有情況標示聲明書”查看。

Interface Description/ 接口说明

Reset button and SD card slot/Reset 键和 SD 卡槽



NO. 序号	Item 名称	Description 说明
1	WiFi	WiFi connector, used for connecting to the Wi-Fi rod antenna. WiFi 接头, 连接WiFi棒状天线。
2	GPS	GPS connector, used for connecting to the GPS antenna. GPS接头, 连接GPS天线。
3	POWER	Power input interface. 24 V AC (-25% to +24.9%). 电源输入接口。支持AC24V(-25%~24.9%)电源输入。
4	LAN	10M/100M adaptive network port. 10M/100M自适应网络接口。
5	GND	Ground interface of a camera. 设备接地接口。
6	RS485+/ RS485-	RS485 interface. This interface provides a transparent data channel used for half-duplex transmission between the camera and the connected device. RS485接口。通过该接口, 摄像机可以以半双工的方式通过透明通道与连接的设备互相传递数据。
7	AUDIO IN/ AUDIO OUT/ AUDIO_GND	Audio input/output interface and audio ground interface. AUDIO IN/AUDIO OUT为音频输入/输出接口。AUDIO_GND为音频接地接口。
8	ALARM_OUTn/ ALARM_REFn	Alarm output port. The value n can be 0 and 1. ALARM_OUTn and ALARM_REFn form a group of alarm output. There are two groups of alarm output. ALARM_OUT and ALARM_REFn form a group of alarm output. The rated voltage of the alarm output device is less than or equal to 30 V DC or 125 V AC, and the rated current is less than or equal to 200 mA. 告警输出接口, n为0和1。ALARM_OUTn和ALARM_REFn组成一组告警输出, 一共两组。ALARM_OUT和ALARM_REF组成一组告警输出。告警输出所驱动设备的额定电压不高于DC 30V或AC 125V, 且额定电流均不大于200mA。
	ALARM_GND	Alarm input ground interface. 告警输入接地接口。
	ALARM_INn	Alarm input port. For a given number of ports, n, they are numbered (for example: ALARM_IN0, ALARM_IN1...ALARM_INn). The value n is an integer ranging from 0 to 3. ALARM_INn and ALARM_GND form a group of alarm input. A maximum of four alarm input groups are supported. 告警输入接口, n为0~3之间的整数。ALARM_INn和ALARM_GND组成一路告警输入, 一共4路。

NO. 序号	Operation 操作	Description 说明
1	Use a Phillips screwdriver to remove the bottom cover, which will expose the reset button and SD card slot.	Reset button. To restart the device, hold down the reset button (less than 3s). To restore the device to factory settings, hold down the reset button for at least 5s while the device is running. Restoring the factory configuration will result in the loss of the user's account information and some of the configuration information. Please exercise caution. 重置按钮。运行时按住RESET键短于3秒重启设备;运行时按住RESET键不短于5秒后恢复出厂配置。恢复出厂配置将会导致用户的账号信息以及部分配置信息丢失, 请慎重操作。
2	使用十字螺丝刀将球机窗口盖卸下, 即可看到重置键和SD卡槽。	SD card slot. This device supports class 10 or higher Micro SD card. You must power of the device to replace a Micro SD card. Otherwise, system exceptions may occur. When a Micro SD card is used for the first time, log in to the web client of the device and format the Micro SD card. For details, see the Configuration Guide. SD卡卡槽, 支持Micro SD卡(Class 10及以上)。请在设备断电的情况下插拔SD卡, 否则会造成系统异常。首次使用时, 请登录设备Web客户端, 格式化SD卡, 操作方法请参见《配置指南》。

Prepare for Installation Tools/ 准备安装工具

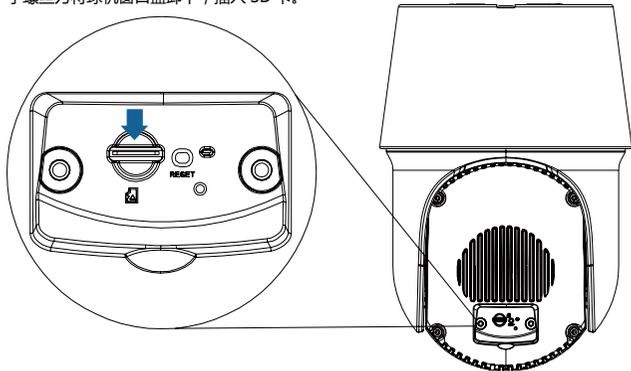
 Wiring terminals 接线端子	 Diagonal cutting pliers 斜口钳	 Measuring tape 钢卷尺
 Marker 记号笔	 10 mm hammer drill (for ceiling- or wall-mounted installation) 冲击钻, Φ10mm (吊顶和墙壁安装时使用)	 Hammer (for ceiling- or wall-mounted installation) 羊角锤 (吊顶和墙壁安装时使用)
 M8 socket wrench 套筒扳手 (M8)	 Wire stripper 剥线钳	 RJ-45 connector crimping tool 水晶头压线钳
 #2 Phillips screwdriver 十字螺丝刀 (2#)	 H3 hex key 内六角扳手 (H3)	

## Device Installation/ 设备安装

### A. SD Card Installation/ 安装 SD 卡

Use a 2# Phillips screwdriver to remove the bottom cover, insert the SD card.

使用 2# 十字螺丝刀将球机窗口盖卸下，插入 SD 卡。



### ⚠ CAUTION/ 注意

Do not disassemble the PTZ dome camera yourself or remove the lens protective film before the installation is complete. Ensure that the weight bearing capacity of the pole, ceiling, wall and brackets exceeds 30 kg and the installation environment is secure and reliable. Also, avoid magnetic interference nearby. To improve the GPS performance, install the camera in a place that is free of obstacles above.

禁止私自拆解球机。安装完成前切勿撕下镜头保护膜。安装此设备的立杆、天花板、墙壁和支架，需确保在承重30kg时稳定性较好，并确保各安装环境的牢固、可靠。同时，应避免球机附近存在磁场干扰。为了确保GPS功能，须将摄像机安装在上方无遮挡的地方。

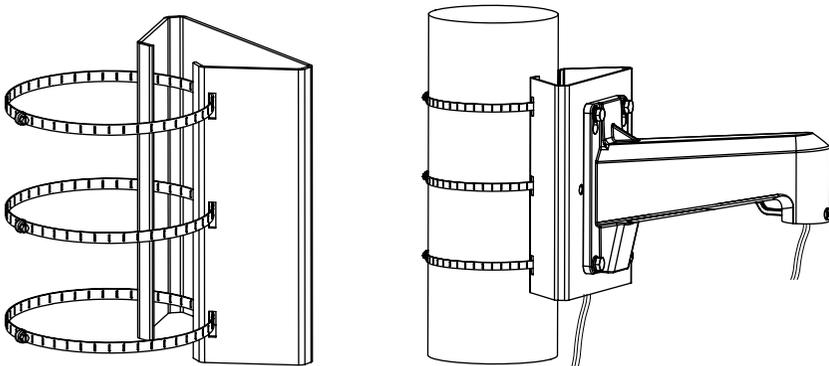
### B. Pole-Mounted Installation/ 立杆抱装

2 Open up the three hose clamps and thread them through the installation holes on the pole mount.

Thread the cables that need to connect to the pigtail cables of the PTZ dome camera through the pole mount and wall mount. Then use the hose clamps to affix the pole mount to the pole.

将 3 个喉箍拧开，穿过抱装支架的安装孔。

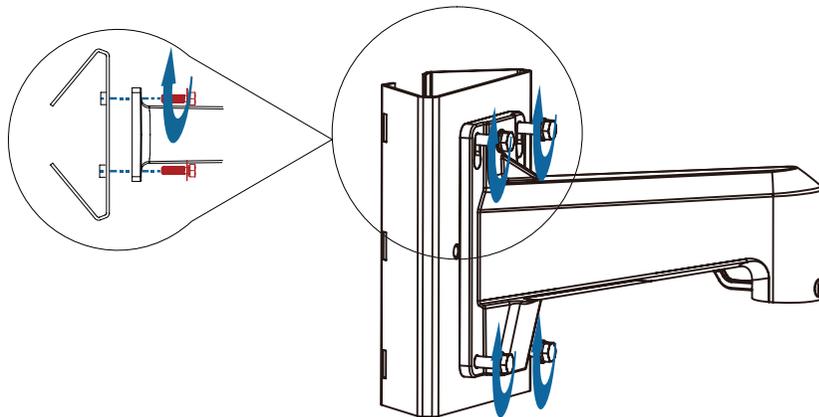
将需要与球机尾线对接的线缆穿过抱装支架和壁装支架。将抱箍环绕在柱杆上，拧紧抱箍，将抱装支架固定在柱杆上。



### B. Pole-Mounted Installation/ 立杆抱装

1 Align the screw holes on the wall mount with the screw holes on the pole mount, and use the M8 screws to secure the bracket. The tightening torque is 8 N.m.

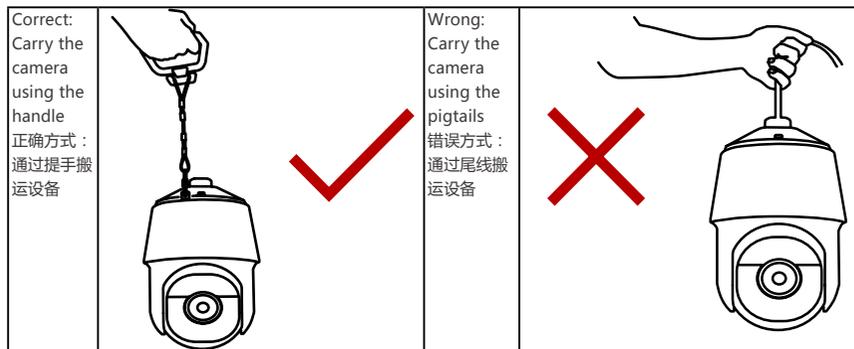
将壁装支架上的螺孔与抱装支架上相应的螺孔对齐，拧紧 M8 螺钉。紧固力矩为 8N.m



### B. Pole-Mounted Installation/ 立杆抱装

3 The PTZ dome camera is delivered with a handle attached, to make it easier to pick up and carry the camera. You are advised to use the safety line, not the pigtails, to carry the camera.

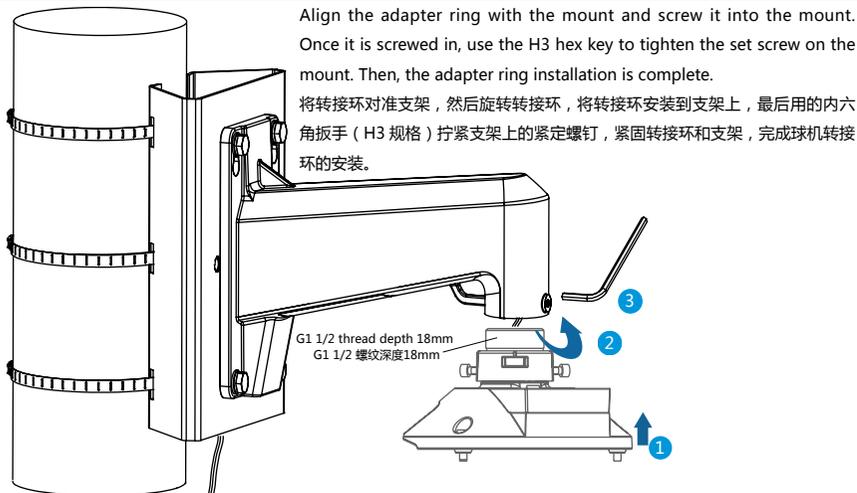
由于球机比较重，球机提手在出货的时候已经安装在球机上，便于施工时搬运球机；设备搬运的时候要求通过提手搬运，不允许通过提尾线搬运设备。



## Device Installation/ 设备安装

### B. Pole-Mount/ 立杆抱装

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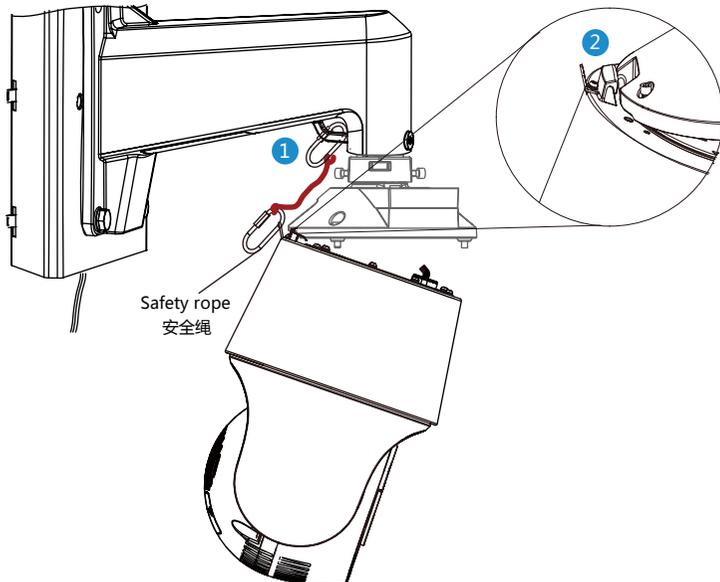


### B. Pole-Mount/ 立杆抱装

5

Connect the safety rope of the camera to the mount, and then use the mounting ear on one side of the PTZ dome camera to attach the device to the top cover.

首先将球机安全绳一端的卡扣挂到支架挂耳上，然后球机侧面的挂耳挂装到上盖的挂钩上。



### B. Pole-Mount/ 立杆抱装

6

Connect the cables to the pigtails and waterproof and insulate the cables. For details, see the section "Cable Connection and Waterproofing and Insulation" on page 6.

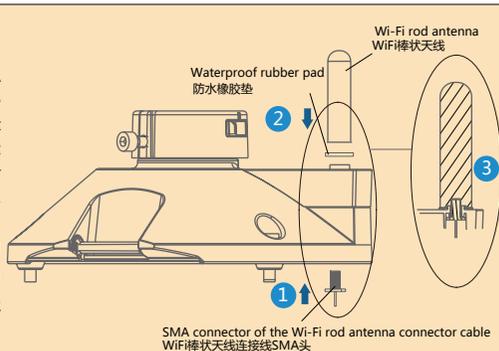
将线缆与球机的尾线连接，并对线缆接头处进行防水和绝缘处理，参见P6“连接线缆和防水绝缘处理”章节。



#### NOTE/ 说明

To connect a Wi-Fi rod antenna, perform the following steps: First, insert the SMA connector of the Wi-Fi rod antenna into the hole on the top cover, with the threaded part of the SMA connector exposed. Then, connect the Wi-Fi rod antenna and waterproof rubber pad through the thread and SMA connector. Finally, tighten the Wi-Fi rod antenna.

WiFi棒状天线的连接步骤为：首先将尾线上的WiFi棒状天线连接线SMA头穿入球机上盖的孔位，露出SMA头的螺纹部分。然后将WiFi棒状天线和防水橡胶垫通过螺纹和SMA头连接。最后拧紧。



7

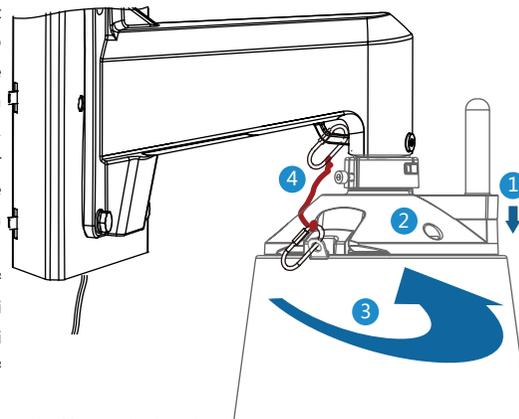
Tuck the cables into the mount. You can open the maintenance window below the mount and arrange the cables.

将线缆引入到支架中，可以打开支架下方的维护窗口进行整理。

8

Close the top cover and use an H5 hex key to tighten the three screws on the top cover of the camera. Rotate the PTZ dome camera to enable the Wi-Fi rod antenna to be on the same level as the wall mount. (In this case, the Wi-Fi rod antenna is far away from the wall mount, delivering the optimal signal). Then fasten the screws on the side of the adapter ring.

关闭球机上盖，用内六角扳手（H5规格）拧紧球机上盖的三颗螺钉。通过旋转球机使WiFi棒状天线和壁装支架在同一平面上（此时WiFi棒状天线远离壁装支架，信号最好）。最后拧紧转接环侧边的螺钉。



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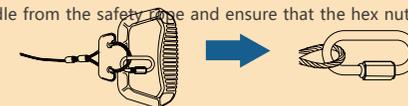
After the installation, verify that the protective film on the lens has been removed. Remove the fixing rubber strip from the camera body. 安装完成后，请检查镜头保护膜，确认已撕掉镜头上的保护膜，撕掉机身的固定胶条。



#### NOTE/ 说明

After the installation is complete, remove the handle from the safety rope and ensure that the hex nuts on the buckles are tightened. The actual handle and buckles may differ from the examples in this guide.

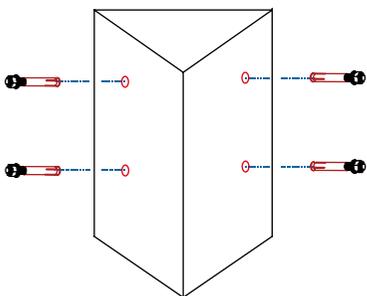
安装完毕后，取下安全绳上的提手；确认已经拧紧卡扣六角螺母。提手和卡扣以实际发货为准。



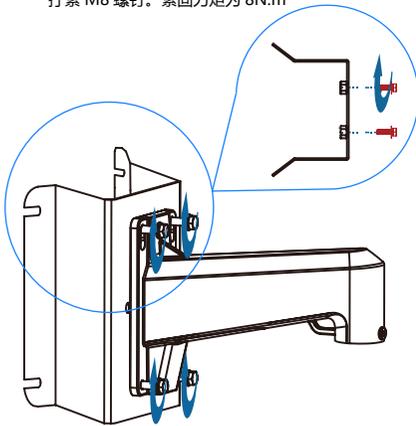
## Device Installation/ 设备安装

### C. Corner-mounted Installation/ 角装

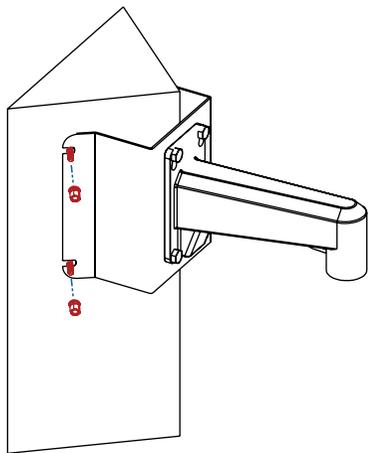
- 1 Place the mount in the desired installation position. Use a marker to mark where the installation screws go. Use a 10 mm bit to drill the holes to a depth of about 80 mm. Use a hammer to carefully drive the expansion bolts into the holes. Then, remove the washers, the spring washers, and the nuts from the expansion bolts. 将支架放置于安装位置, 使用记号笔绘制螺钉安装位置, 再选择直径为 10mm 的钻头, 钻取深约 80mm 的导孔。使用羊角锤将膨胀螺栓打入钻好的孔内。再将平垫、弹垫和螺母拧下。



- 2 Align the screw holes on the wall mount with the screw holes on the pole mount, and fasten them together using the M8 screws. The tightening torque is 8 N.m. 将角装支架上的螺孔与抱装支架上相应的螺孔对齐, 拧紧 M8 螺钉。紧固力矩为 8N.m



- 3 Remove washers, spring washers, and nuts from the expansion bolts and thread the cables through the wall mount. Put the four expansion bolts through the four screw holes at the bottom of the wall mount, replace the washers, spring washers, and nuts on the expansion bolts, and tighten the nuts. 拧下膨胀螺栓上的平垫、弹垫和螺母。将需要与球机尾线对接的线缆穿过壁装/吊装支架。将壁装/吊装支架底座上的 4 个螺孔套在相应的膨胀螺栓上, 将平垫、弹垫和螺母套在膨胀螺栓上, 拧紧螺母。



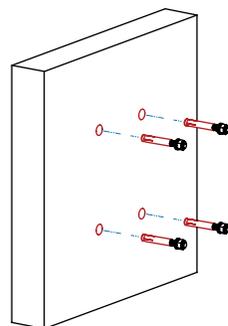
#### NOTE/ 说明

For details about subsequent installation operations, see 4 to 6 in *Pole-Mount*.

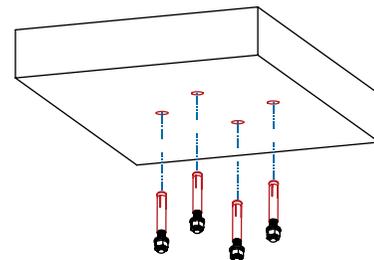
后续安装的具体过程请参见“立杆抱装中的步骤4到步骤6”。

### D. Wall-Mounted and Ceiling-Mounted Installations/ 壁装或吊装

- 1 Place the mount in the desired installation position. Use a marker to mark the screw installation locations. Select a drill bit with a diameter of 10 mm to drill holes with a depth of about 80 mm. Use a claw hammer to install the expansion bolts into the holes. Then, screw off the flat washers, spring washers, and nuts from the expansion bolts. 将支架放置于安装位置, 使用记号笔绘制螺钉安装位置。再选择直径为 10mm 的钻头, 钻取深约 80mm 的导孔。使用羊角锤将膨胀螺栓打入钻好的孔内。再将平垫、弹垫和螺母拧下。

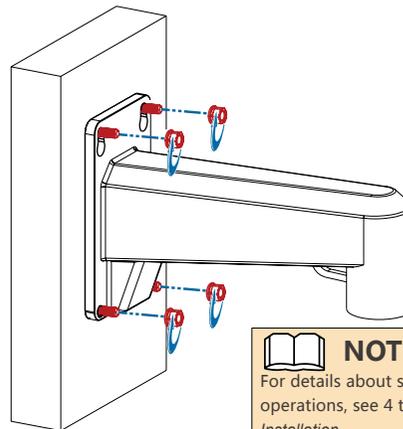


wall-mounted/ 壁装

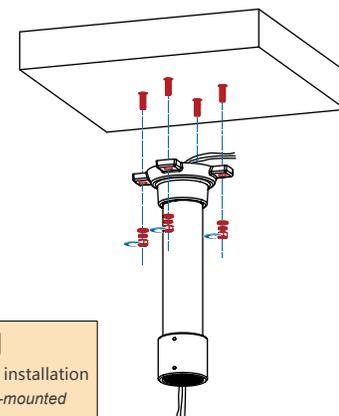


ceiling-mounted/ 吊装

- 2 Remove washers, spring washers, and nuts from the expansion bolts, and thread the cables through the mount. Put the four expansion bolts through the four screw holes on the base of the mount, replace the washers, spring washers, and nuts on the expansion bolts, and tighten the nuts. 拧下膨胀螺栓上的平垫、弹垫和螺母。将需要与球机尾线对接的线缆穿过壁装/吊装支架。将壁装/吊装支架底座上的 4 个螺孔套在相应的膨胀螺栓上, 将平垫、弹垫和螺母套在膨胀螺栓上, 拧紧螺母。



wall-mounted/ 壁装



ceiling-mounted/ 吊装



#### NOTE/ 说明

For details about subsequent installation operations, see 4 to 6 in *Pole-mounted Installation*.

后续安装的具体过程请参见“立杆抱装中的步骤4到步骤6”。

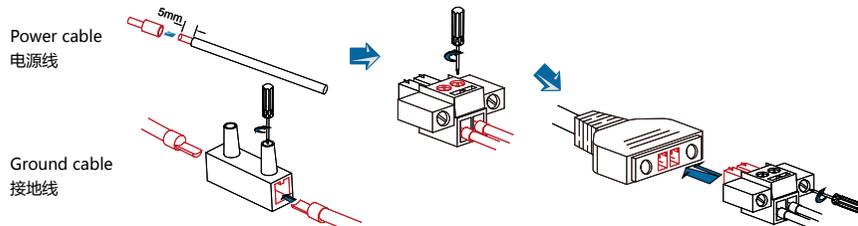
# Device Installation/ 设备安装

## E. Cables Connections & Waterproofing and Insulation/ 连接线缆和防水绝缘处理

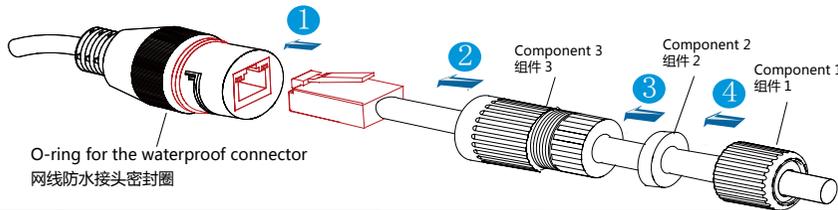
### ⚠ CAUTION/ 注意

- In areas prone to lightning strikes, the lightning arrester must be installed and grounded.  
在易受雷击的区域，必须安装避雷器，避雷器必须接地。
- Strong and weak current cables must be kept at least 5 cm apart from each other. When connecting cables to the device, take care to avoid connecting strong current cables to weak current interfaces or you may damage your device.  
强电和弱电必须分开布线，两者间的距离不小于 5cm。线缆与设备连接时，禁止将强电接到弱电接口上，以免造成设备损坏。
- Wrap all pigtail cables in insulated, waterproof, rubber tape to prevent short circuits or water damage. Cutting off the pigtail cables will void your warranty.  
请务必使用绝缘胶带和防水胶带对所有尾线和球机上盖连接处进行绝缘和防水处理，以免造成短路和漏水。若剪断尾线，则无法维保。

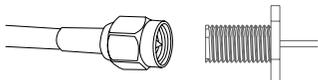
- 1** Connect the ground cable to ground the device, and then connect the power cable. If crimp terminals are not used, the wire thickness cannot exceed 1.5 mm<sup>2</sup>, and the length cannot exceed 25m. If crimp terminals are used, the wire can be up to 0.75 mm<sup>2</sup> for a 15 m length of wiring, or up to 1.0 mm<sup>2</sup> if 20 m is required. Longer wiring is not supported. The ground impedance cannot exceed 5 ohms.  
连接电源线和接地线。接裸线最大支持 1.5mm<sup>2</sup> (长度最大支持 25m) 电源线，配压线端子支持 0.75mm<sup>2</sup> (长度最大支持 15m) 或 1.0mm<sup>2</sup> (长度最大支持 20m) 电源线。接地线要求阻抗 ≤ 5Ω。



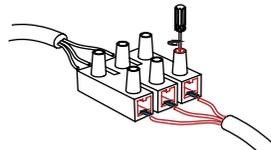
- 2** Connect the network cable. Loosen the components 1, 2, and 3 of the waterproof connector kit on the network cable port in sequence, thread the network cable through the kit, and install the components in the sequence marked in the following figure. The waterproof connector of the network cable must be secured tightly, or they may come loose later.  
连接网线。先把网线接口上防水套件的组件 1、组件 2 和组件 3 依次旋转拆卸，然后穿入网线（如果无法穿入，请剪掉水晶头），再将各组件按如图所示顺序安装。网线防水接头务必拧紧到位，否则会有脱落风险。



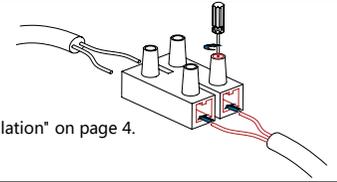
- 3** connect the GPS antenna  
连接 GPS 天线。



- 4** Connect the audio cable.  
连接音频线。

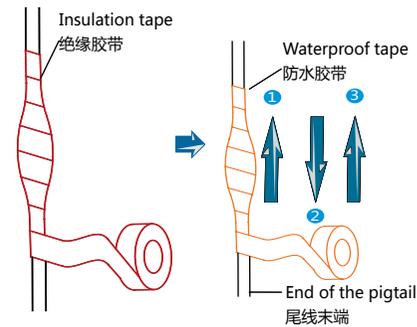


- 5** Connect the alarm cable and RS485 cable. It is recommended the diameter of the cable core ranges from 22 AWG to 28 AWG.  
连接告警线缆、RS485 线缆。告警线缆建议使用线芯的线径为 22AWG ~ 28AWG。

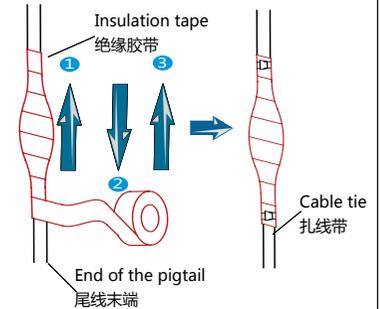


- 6** connect the Wi-Fi rod antenna, see the section "Pole-Mount installation" on page 4.  
连接 WiFi 棒状天线，参见 P4 “立杆抱装”。

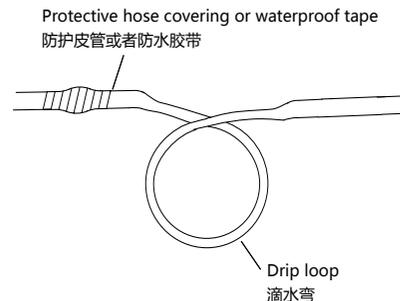
- 7** Wrap one layer of insulation tape around each cable joint. Stretch the waterproofing tape evenly to twice its original length. Then apply it for three layers from bottom to top, from top to bottom, and from bottom to top again.  
用绝缘胶带缠绕每条线缆对接处，缠绕一层。均匀拉伸防水胶带，使其长度为原长度的 2 倍。再采用由下至上，由上至下，再由下至上的处理方式缠绕三层。



- 8** Apply three layers of insulation tape. Then, use cable ties to secure the both ends.  
用绝缘胶带缠绕三层。最后用扎线带绑扎上下两端。



- 9** Cover the rest of the cabling in a conduit or with protective waterproof rubber tape. Make a drip loop as shown below to create an artificial lowest point of the cable.  
使用防护皮管或者防水胶带，包住线缆其他部分，并制作滴水弯。滴水弯呈倒 Ω 型，形成线缆的最低点。



### NOTE/ 说明

- Waterproof and insulate all cables including power cables, network cables, and unused pigtails.
- Before that, check the cabling and ensure that the camera runs normally to avoid reworkings.
- The waterproof tape must cover the cable bundle from the insulation sheath all the way to the cable conduit (for example, a PVC tube). The tape must be wrapped tightly and there must be no gaps in the coverage or water will leak in.
- 电源线、网线等所有的线缆，包括未使用的尾线都需要做防水绝缘处理。
- 做绝缘防水处理前请检查线缆是否接好并可正常工作，避免二次返工。
- 防水胶带务必从线缆束绝缘外皮开始缠绕至防护皮管（如 PVC 管），且尽量缠紧，且覆盖到位，以免漏水。

Installation Verification/ 安装后检查		Data Plan/ 数据规划	
Verifying the Installation/ 安装后检查		IP address/IP 地址	
After the device installation, check the following items to ensure that the device is properly installed. 设备安装完成后, 请确认如下事项, 以保证设备安装正确。			
<b>Check Lists/ 检查项</b>	<b>Result/ 检查结果</b>	<b>Parameter 参数名</b>	<b>Description 参数解释</b>
All screws are fully tightened. Ensure that all the joints are tight. 确认所有螺钉已经完全拧紧, 以接合处不能偏移为准。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	IP address assignment method 获取IP方式	<ul style="list-style-type: none"> <li>Automatic: The IP address, subnet mask, gateway IP address, and DNS are all configured automatically. 自动获取IP地址: 系统将自动配置IP地址、子网掩码、网关地址和DNS。</li> <li>Manual: The IP address, subnet mask, gateway IP address, and DNS must be configured manually. 使用下面的IP地址: 需要用户手动配置IP地址、子网掩码、网关地址和DNS。</li> </ul>
The camera is securely fastened to the bracket or wall. 确认摄像机与支架或者墙壁等之间的安装是稳固可靠的。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	IP address IP地址	<ul style="list-style-type: none"> <li>IP addresses starting with 127 are not valid. You must enter an IP address starting with another value from 1 to 223. 以127开头的IP地址无效, 请输入介于1和223之间的其它数值。</li> <li>If the camera is passively registered with the platform using the ONVIF or SDK, only the IP address needs to be configured. 通过ONVIF或SDK被动注册时, 仅需要配置IP地址即可。</li> </ul>
Necessary protection measures have been taken for the SDC. SDC 设备有必要的防护, 不易损坏。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	<b>GB/T 28181</b>	
The ambient temperature meets the device specifications. 确认工作的环境温度满足设备规格。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	<b>Parameter 参数名</b>	<b>Description 参数解释</b>
Insulation and waterproof measures have been taken to protect cables installed in humid environment, and the drip loops are in correct positions. 设备安装潮湿环境时, 确认网线以及尾线已经做好绝缘防水处理, 滴水弯位置正确。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	Platform IP 平台IP	IP address of the platform server. This parameter is mandatory. 监控平台所在服务器的IP地址。必须设置。
The camera is grounded, and if it is powered by PoE, the PoE connection is grounded too. 确认摄像机已接地, 如果是 PoE 交换机供电, 则 PoE 交换机也已接地。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	Port number 端口号	Port of the platform server. This setting is mandatory. 监控平台所在服务器的端口号。必须设置。
The protective film and fixing rubber strip have been removed from the lens and camera body. 确认已撕掉摄像机镜头保护膜和机身固定胶条。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	Device ID 设备ID	Unique ID that the video surveillance platform assigns to the camera. The value of this parameter must be the same as the first 20 digits in the device ID (the value of Code on the IVS platform) configured on the video surveillance platform. If they are different, the camera will be unable to connect the video surveillance platform. 监控平台分配给前端设备的唯一标识。必须与平台配置的设备ID (在IVS平台中, 该参数名为编码) 的前20位保持一致, 以免造成对接失败。
The camera can power on normally. 确认设备能够正常上电运行。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	Login name 登录名	User name used to register the camera with the video surveillance platform. The value of this parameter is in the <i>login name@domain name</i> format. The login name indicates the device ID. The domain name consists of 10 digits. 用于注册到监控平台。格式为: 登录名@域名。登录名为设备ID, 域名为自定义10位数字。
You can access the camera web client using the IP address you configured. 确认能够使用配置好的 IP 地址登录设备 Web 页面。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	Password 密码	Password used to register the camera with the video surveillance platform. This password must be the same as the registration password configured on the video surveillance platform. 设备注册到平台时的注册密码。必须和监控平台中的注册密码保持一致。
On the camera web client, you can view live video from the camera. 确认能够通过 Web 页面浏览实况。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	Server code 服务器编码	The 20-digit server code complies with the GB/T 28181 protocol. GB/T 28181服务器编码。自定义输入20位数字。
You can view the surveillance scene on camera web pages and the image is clear, as shown in the following figure. 通过 Web 页面查看画面, 确认要监控的画面在镜头监控范围内, 且图像清晰。如下图所示。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	<b>Supplier's Declaration of Conformity (SDoC)</b>	
In night vision mode, the surveillance area can be viewed clearly. 确认夜视情况下, 能够看清楚监控区域。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>	<p><b>Unique Identifier:</b> trade name: <i>HUAWEI</i>; product name: <i>Network camera</i>; model number: <i>M6721-E-Z31M</i></p> <p><b>Responsible Party- U.S. Contact Information</b> Huawei Technologies USA Inc. 5700 Tennyson Parkway, Suite 500 Plano, Texas 75024 Main: 214-919-6000 / TAC Hotline: 877-448-2934</p> <p><b>FCC Compliance Statement ( for products subject to Part 15)</b> 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.</p>	
 <p>① On the web pages, the monitored area is within the surveillance range of a camera. 通过 Web 页面查看, 被监控区域在镜头监控范围内。</p> <p>② The delivered images are clear. 监控画面图像清晰。</p>			

## Web Operations/Web 操作

### Web Client Login / 登录摄像机

- 1 Open your browser, enter the SDC IP address, and press Enter. The IP address can be set automatically via DHCP, or a static IP address can be used (default: 192.168.0.120). To directly log in to the SDC using a PC, ensure that the PC is in the same network segment as the SDC.

当通过 PC 机直连访问 SDC 时, 请保证 PC 机 IP 地址和摄像机 IP 地址在同一网段。在 Internet Explorer 地址栏里输入摄像机的 IP 地址, IP 地址可以手动进行设置 (默认为 192.168.0.120), 按 “Enter” 键。当网络中有 DHCP 服务器时, SDC 可以通过 DHCP 服务器自动获取 IP 地址。

#### NOTE/ 说明

- Supported browsers: Internet Explorer 10-11, Google Chrome 38 and later versions, and Mozilla Firefox 35-51. Google Chrome 45 and later versions require installation of Internet Explorer Tab plug-in.  
支持的浏览器: Internet Explorer 10/11、Google Chrome 38及以上版本、Mozilla Firefox 35~51版本。其中Google Chrome 45及以上版本需要安装Internet Explorer tab插件。
- When using HTTPS to access a camera, you must enable TLS 1.1 or TLS 1.2. Otherwise, the camera web page cannot be displayed.  
使用HTTPS协议访问摄像机时需要启用TLS 1.1或TLS 1.2, 否则无法打开摄像机web页面。
- Please open the web browser on your PC as the administrator.  
请使用PC的管理员身份打开浏览器。

- 2 Enter the user name (admin) and password. For the first login, set the password as prompted.  
输入用户名 admin 和密码。首次登录, 请按照提示设置密码。
- 3 Click **Login**.  
单击 “登录”。

### Basic SDC Settings/ 配置摄像机基本参数

- 1 Log in to the web client as the admin.  
以管理员 admin 登录 Web 客户端。
- 2 Choose **View** and expand the configuration panel on the right  
选择 “预览配置”, 并展开最右侧的配置界面。
- 3 Choose **Network/Time**. Then, you can set the camera IP address and time.  
选择 “网络 / 时间”, 可以配置摄像机的 IP 地址和时间信息。
- 4 Choose **General**, you can set ISP, Video and OSD parameters.  
选择 “常用参数”, 可以配置摄像机基本的图像参数、视频流参数和 OSD 参数。  
For detail about how to set basic parameters, see **Configuration Guide**.  
详细配置方法请参见《配置指南》。

### Network Settings/ 配置基本网络参数

- 1 Log in to the web client as the admin.  
以管理员登录 Web 客户端。
- 2 Choose **Settings > Network**, you can set basic network parameters.  
选择 “高级配置 > 网络”, 可以配置网络的基本参数。
- 3 Set the parameters based on your network plan. 根据规划的数据配置基本网络参数。  
For details about how to set basic network parameters, see **Configuration Guide**.  
基本网络参数的具体配置方式请参见《配置指南》。

## Platform Connection Settings/ 配置平台对接参数

- 1 Log in to the web client as the administrator.  
以管理员用户登录 Web 客户端。
- 2 Choose **Settings > Network > Platform Connection Parameters**, you can set platform connection parameters  
选择 “高级配置 > 网络 > 平台对接参数”, 可以配置摄像机和视频监控平台对接参数。  
Set the platform connection parameters based on your network plan.  
根据规划的数据配置平台对接参数。  
For detail about how to set platform connection parameters, see **Configuration Guide**.  
平台对接参数的具体配置方式请参见《配置指南》。

#### NOTE/ 说明

The default coding protocol of cameras is H.265. Verify that the connected surveillance platform supports H.265. Otherwise, see the **Configuration Guide** to modify the coding protocol of SDC.  
摄像机出厂默认编码协议为H.265, 请务必确认所对接的监控平台是否支持H.265编码协议, 否则请参见《配置指南》修改摄像机编码协议。

## Specifications/ 技术参数

Item 名称	Description 说明
Image Sensor 图像传感器	1/1.8" 2.0 megapixel progressive scan CMOS 1/1.8" 200万像素逐行扫描CMOS
Min. Illumination 最低照度	Color(彩色): 0.005Lux (F1.2, AGC ON,1/30 Shutter) B/W(黑白): 0.0025Lux (F1.2,AGC ON,1/30 Shutter)
Focal length 镜头焦距	(6.9-164mm)±5%
Power Supply 电源	AC24V(-25%~24.9%)
Power Consumption 功耗	Maximum: 55W, Typical: 20W 最大: 55W, 典型: 20W
IP Protection Class 防护等级	IP66
Corrosion Resistance 防腐等级	Applicable to areas 1500 meters away from the seaside (far away from chemical industry or heavily polluted areas). 适用于距离海边1500米以外的区域 (远离化工、重污染区)

#### NOTE/ 说明

The parameters listed in the table are for reference only. You can log in to <http://e.huawei.com>, download the brochure of the desired camera model, and obtain the detailed technical specifications.  
表格中所列参数仅供参考, 您可以登录 <http://e.huawei.com>, 查看对应的彩页, 获取设备详细技术规格。

Q : What can I do if the dome camera cannot perform self-check after being powered on?

A : Check whether the power cable is loose. If the power cable is loose, reconnect the power cable.

问：球机上电后不会自检？

答：检查电源是否松动，重新插拔电源。

Q : After you enter the SDC IP address in the address box and press Enter, the Internet Explorer displays "There is a problem with this website's security certificate."

A : Click **Continue to this web (not recommended)** to continue browsing this website. Then, install the root certificate or upload your own certificate. For details, see Configuration Guide.

问：在 IE 浏览器中输入设备 IP 地址后，网页显示“此网站的安全证书有问题”？

答：单击“继续浏览此网站（不推荐）”，继续访问设备 Web 页面，然后安装根证书或上传用户自己的证书文件，具体操作请参见《配置指南》。

Q : When the root certificate is downloaded, the Internet Explorer displayed "There is a problem with this website's security certificate". Click "Continue to this website(not recommended)" to access the login page, the Certificate Error is displayed in the address box.

A : Choose **Settings > System > Configuration Management > Certificate Management**, upload a valid certificate. After the certificate is uploaded, restart the browser.

问：根证书下载安装完成后，IE 仍提示“此网站的安全证书有问题”，单击“继续浏览此网站（不推荐）”进入登录页面后，地址栏中出现“证书错误”提示。

答：选择“高级配置 > 系统配置 > 配置管理 > 证书管理”，上传用户自己的合法证书，完成后重新启动浏览器。

Q : What can I do if I forgot the password of the admin user?

A : Hold down the Reset button for at least 5s to restore the camera to factory defaults.

问：忘记 admin 用户的密码？

答：长按 **Reset** 键 5s 以上恢复系统默认配置。



### CAUTION/ 注意

Restoring the factory configuration will result in the loss of the user's account information and some of the configuration information. Please exercise caution.

恢复出厂配置后将会导致用户的账号信息以及部分配置信息丢失，请慎重操作。

Q : The message "Heating..." is displayed while the live video can be properly viewed.

A : If the SDC is started in low-temperature environment, the SDC may enter the low-temperature protection mode. In this case, the message "Heating..." will be displayed on the live video. When the temperature of the SDC rises, the message will disappear.

问：Web 实况出现“Heating...”字样，而图像画面可以显示实况。

答：在低温环境下启动 SDC，设备有可能会进入低温保护模式，实况页面带有“Heating...”字样，等 SDC 温度上升后，Heating...”字样会消失。

Q : What can I do if files or the SDC Web Control cannot be downloaded?

A : In Internet Explorer, choose Tools > Internet Options > Advanced and click Reset to restore the default browser settings. Then restart the PC and log in to the web client again.

问：下载文件或者 SDC Web Control 实况控件失败，应如何处理？

答：在 Internet Explorer 中选择“工具 > Internet 选项 > 高级”，单击“重置”，恢复默认配置后，重启电脑，再次登录设备的 Web 客户端。

## Warranty Card



Thank you for choosing products of Huawei Technologies Co., Ltd. (Huawei). To be entitled for warranty service for the product, please read the following warranty statements carefully.

### 1. Warranty Period

Unless otherwise stated specifically by Huawei, the following periods apply:

Duration of Hardware Warranty: 12 months

Duration of Software Media: 3 months

The start date of the warranty:

The warranty starts on the 90th day after the date of the product shipment from Huawei, or the date of receiving service request, whichever is earlier.

#### Notes:

- If there is any conflict with contract terms and conditions, the contract terms and conditions shall prevail.
- When you purchase a product from Huawei, please confirm the date when the product will be shipped from Huawei, and check other warranty-related information.
- For expansion and replacement parts, you are entitled to either of the following warranties (whichever is longer):
  - A 90-day warranty starting from the date the replacement parts are shipped
  - The remaining warranty of the original equipment
- Warranty service is provided for the lithium battery modules for the S series switches, but the terms related to hardware warranty service response time in the **Huawei Enterprise Standard Warranty** do not apply to the lithium battery modules.

### 2. Service Guidelines

This warranty card entitles you to free warranty service within the warranty period. For a complete listing of applicable warranties, please visit <http://e.huawei.com>, choose **Support > Service Solutions > Warranty**.

Technical Support: Visit <http://support.huawei.com/enterprise>, click **Contact Us** at the bottom of the page, and select your country to obtain contact information of Huawei local office.

TAC Support: Visit <http://support.huawei.com/enterprise> and choose **Contact > Global Service Hotline** to find the service hotline available in your country.

Complete the form below and keep for ready reference:

Product supplier: \_\_\_\_\_

Supplier telephone number: \_\_\_\_\_

Product serial number: \_\_\_\_\_

# 保修卡



尊敬的用户，感谢您使用华为技术有限公司（以下简称华为）的产品，请详细填写保修卡内容，并将下面的保修卡厂家留存联寄回华为公司，华为公司会登记备案，并保证您的以下权益：

- 1.您购买的主机可获得12个月的设备免费维修服务（软件介质保修期为3个月）。
- 2.保修期起始时间计算方式：  
从发货之日起九十（90）日或买方第一次申请保修服务之日起孰早开始计算，最晚保修起算时间不超过发货之日起九十（90）日。
- 3.请注意：
  - (1) 在购买产品时，为保障您的权益，请确认产品从华为的发货日期等保修相关信息。
  - (2) 扩容部件与故障更换件的保修期为华为发货之日起90天，或者跟随主机原有的剩余保修期服务，以两者中较长的时间为准。
  - (3) 免费保修服务仅限于主机（系列主板、电源模块、风扇模块、通信模块、硬盘）和相关辅助部件。
  - (4) S系列交换机配套的锂电池模块提供保修，但不适用《标准保修说明书》的硬件返修服务响应时间条款。
- 4.用户可凭保修卡享受保修期内的基本保修服务，服务的详细内容可查看《企业网络产品标准保修说明书》，该保修说明书可在华为企业业务网站 (<http://e.huawei.com>) 查询。
- 5.中文保修卡仅适用于中国大陆。
  - 华为公司Help Desk热线：400-822-9999（7\*24小时）
  - 商业分销产品授权服务中心网站：<http://e.huawei.com>。
 依次点击“技术支持>渠道服务>商业分销授权服务中心>授权服务中心服务指南”。

用户名称: \_\_\_\_\_ 经销商: \_\_\_\_\_  
 产品型号: \_\_\_\_\_ 详细地址: \_\_\_\_\_  
 邮编: \_\_\_\_\_ 电话: \_\_\_\_\_  
 产品条码: \_\_\_\_\_ 传真: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 购买日期: \_\_\_\_\_年\_\_\_\_月\_\_\_\_日 经销单位: (盖章)

(用户留存)

保修卡须经经销商盖章方有效

## 保修卡（经销商留存）



用户名称: \_\_\_\_\_  
 详细地址: \_\_\_\_\_  
 邮编: \_\_\_\_\_ 电话: \_\_\_\_\_  
 传真: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 产品条码: \_\_\_\_\_  
 购买日期: \_\_\_\_\_年\_\_\_\_月\_\_\_\_日  
 经销商: \_\_\_\_\_  
 经销单位: (盖章)

## 保修卡（厂家留存）



用户名称: \_\_\_\_\_  
 详细地址: \_\_\_\_\_  
 邮编: \_\_\_\_\_ 电话: \_\_\_\_\_  
 传真: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 产品条码: \_\_\_\_\_  
 经销单位: (盖章)

**重要提示：** 请将此联寄回以下地址  
 广东省东莞市松山湖科技园新城大道6号  
 华为南方工厂0区C7-1F 华为维修服务中心  
 电话：0755-28560555 (5\*8h: 8:30-12:00, 13:30-18:00)  
 邮编：523808  
 邮件上注明保修卡

# Appendix/ 附录

## Security Precautions/ 安全注意事项

Carefully read and strictly comply with the following instructions and pay attention to the alarm information in this manual:

请仔细阅读本说明并严格遵守，留意本手册中的所有警告信息。

- The power adapter to be used by the device must meet the input voltage and current requirements described on the device label.  
设备所使用的电源适配器必须满足设备标签上注明的电源输入电压和输入电流要求。
- In areas prone to lightning strikes, the lightning arrester must be installed and grounded.  
在易受雷击的区域，必须安装避雷器，避雷器必须接地。
- Risk of explosion if battery is replaced by an incorrect type dispose of used batteries according to the instructions.  
如果更换不正确的电池规格会有爆炸的风险，请按制造商说明书处理使用过的电池。
- This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.  
此为 A 级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对干扰采取切实可行的措施。
- Use a soft and dry cloth when cleaning the camera body. Do not use strong and abrasive alkaline cleaner or volatile solvent such as alcohol, benzene, or thinner.  
清洁机身可用柔软的干布擦拭，请勿使用如酒精、苯或稀释剂等挥发性溶剂或者强烈的、带有研磨性的碱性清洁剂。
- Keep the device away from water or any other liquids. Take proper water-proof measures.  
禁止让任何液体流入设备中。做好防水措施。
- Keep the device away from heat sources, fire sources (such as heating apparatus or candles), and strong magnetic fields (for example, high-voltage power distribution cabinet).  
安放设备时请远离热源、裸露的火源（例如电暖器、蜡烛等）和强磁场环境（例如高压配电箱）。
- Avoid any unauthorized modifications on the design of the structure, security, or performance.  
未经授权，任何单位和个人不得对设备进行结构、安全和性能方面的改动。
- Installation and maintenance must be performed by professional technical engineers or system installation engineers.  
有关本装置的所有安装维修工作均应由专业的维修技术人员或系统安装人员来完成。
- Use product-attached auxiliaries and recommended fittings.  
请使用产品配套的附件以及厂商推荐的配件。
- Please use the handle instead of the pigtails to carry the camera.  
设备搬运的时候通过提手搬运，不允许通过提尾线搬运设备。
- Comply with related laws and regulations, and respect legal rights of others when using this device. Post a reminder "You have entered the electronic surveillance area" at the most visible location if cameras are installed at public places.  
使用本设备时应遵循相关的法律法规，尊重他人的合法权利。如果您在公共场所安装摄像机，请在醒目的位置给予提示：您已进入电子监控范围。