IPC6385-VRZ 4K 红外半球型网络摄像机
IPC6385-VRZ 4K Network IR Dome Camera

Quick Start Guide
快速入门

Default login IP/user name/password
Adresse IP/nom d'utilisateur/mot de passe
IP accesso predefinito/nome utente/password
默认 IP 地址 / 用户名 / 密码
192.168.0.120/admin/HuaWei123

Packing List and Qualification Card
装箱清单和合格证

Component 物品	PCS	Component 物品	PCS
IPC 网络摄像机	1	Waterproof connector for network cables 网线防水接头	1
Drilling sticker 安装定位贴纸	1	Waterproof connector seal loop 网线防水接头密封圈	2
Expansion tube 膨胀管	3	Crimping terminal (supporting 0.75 mm² and 1.0 mm² cables) 压线端子（支持0.75mm²和1.0mm²的线缆）	2
Tapping screw 自攻螺钉	3	Power terminal 电源端子	1
Quick Start Guide 快速入门	1	Flat-head screwdriver (the width of the head is 2.5 mm) 一字螺丝刀（刀头宽度为2.5mm）	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*, *Configuration Guide*, *Quick Start Guide*, and *FOSS License Information*, visit **http://support. huawei.com/enterprise** and choose **Support > Video Surveillance > IP Cameras**. You can also log in to **http://e.huawei.com/app** or scan the QR code using a mobile phone to download Huawei Enterprise Technical Support APP. Then start this APP and choose **Video Surveillance > Cameras** to obtain the latest documents. 请登录 **http://support.huawei.com/enterprise**网站，选择"**技术支持 > 视频监控 > IP 摄像机**"获取最新资料，包括《产品文档》、《配置指南》、《快速入门》和《开源软件使用声明》等。您也可以用手机登录 **http://e.huawei.com/app**网站或者扫描右侧二维码，下载"华为企业技术支持移动 APP"，选择"**视频监控 > 摄像机**"获取最新资料。

Huawei Enterprise Technical Support APP
华为企业技术支持移动 APP

电子电气产品有毒有害物质申明

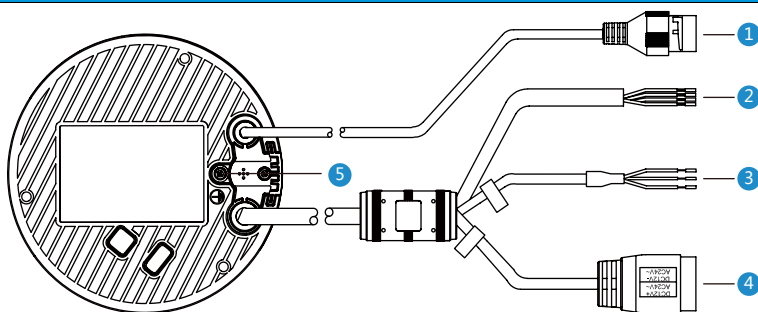| 部件名称	有毒有害物质或元素					
	Pb 铅	**Hg 汞**	**Cd 镉**	**Cr6+ 六价铬**	**PBB 多溴联苯**	**PBDE 多溴二苯醚**
结构件	✕	○	○	○	○	○
单板/电路模块	✕	○	○	○	○	○
线缆和线缆组件	○	○	○	○	○	○
纸质配件	○	○	○	○	○	○

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, as shown in the symbol on the left. Some replaceable parts have their own EFUP labels. The EFUP is suitable only for products that work in conditions specified in the product manual. 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。
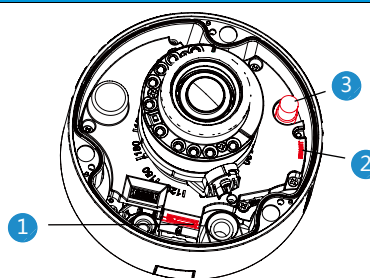
Interface Description/ 接口说明

NO. 序号	Item 名称	Description 说明
1	LAN/POE	Indicates the network interface that supports power over Ethernet (PoE). DC/AC and PoE work in hot backup mode. If either DC/AC or PoE is disconnected when DC/AC and PoE provide power at the same time, the system does not restart. 网络接口。支持PoE供电。DC/AC与PoE互为热备，DC/AC与PoE同时供电，断开任意一种供电，系统不会重新启动。
2	ALARM_OUT	Indicates the alarm output interface. ALARM_OUT and ALARM_REF form a group of alarm output. 告警输出接口。ALARM_OUT和ALARM_REF组成一组告警输出。
	ALARM_REF	
	ALARM_IN	Indicates the alarm input interface. ALARM_IN and GND form a group of alarm input. 告警输入接口。ALARM_IN和GND组成一组告警输入。
	GND	
3	AUDIO OUT	Indicates the video input/output interface. To ensure audio output quality, connect a 3.5 mm TRS connector to the interface. 音频输入输出接口。为保证音频输出质量，请使用三段式3.5mm音频接头。
	AUDIO IN	
	GND	
4	AC24V/ DC12V	Indicates the power input interface. This interface supports DC12V±25% and AC24V±24.9% power input. 电源输入接口。支持DC12V±25%，AC24V±24.9%。
5	GND	Indicates the ground interface of an IPC. 设备接地接口。

Prepare for Installation Tools/ 准备安装工具

PVC insulation tape 绝缘胶带	Wiring terminal 接线端子	Measuring tape 钢卷尺
Marker 记号笔	Hammer drill (for mounting a camera on the ceiling or wall) 冲击钻（吊顶和墙壁安装时使用）	Claw hammer (for mounting a camera on the ceiling or wall) 羊角锤（吊顶和墙壁安装时使用）
Phillips screwdriver (Head model: 0#, 2#; screwdriver bit length > 75 mm) 十字螺丝刀（刀头型号为：0#、2#，批头长度大于75mm）	Cable stripper 剥线钳	RJ-45 connector crimping tool 水晶头压线钳

Reset button and SD card slot/Reset 键和 SD 卡槽

NO. 序号	Operation 操作	Description 说明
1	Use a Phillips screwdriver to uninstall the transparent cover. You can find the reset button, SD card slot. 使用十字螺丝刀将透明罩卸下，即可看到重置键、SD 卡槽。	SD card slot that supports only Micro SD cards of Class 6 or higher classes. A push-push card slot is used, you can press the SD card to eject the SD card from the SD card slot. You can replace a Micro SD card only when the device is powered off. When a Micro SD card is used for the first time, log in to the web page of the device and format the Micro SD card. For details, see *Configuration Guide*. SD卡槽，仅支持Micro SD卡（Class 6及以上）。采用push-push卡槽，按下SD卡即可弹出。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》。
2		Reset button. To restart the device, hold down the RST button for less than 3s. To restore the device to factory defaults, hold down the RST button for at least 3s during the device running or hold down the RST button, power on the device, and keep holding down the RST button for more than 5s. 重置按钮。运行时按住RST键短于3秒重启设备；运行时按住RST键不短于3秒或者按住RST键后上电并持续按住RST键不短于5秒后恢复出厂配置。
3		Analog video output interface. The interface supports only D1 video output. 模拟视频输出接口。该接口仅支持以D1分辨率输出视频。

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。
• Install a lightning arrester and effectively ground the device shell.
请安装避雷器，设备外壳必须有效接地。
• 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 inference 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，可能需要用户对其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 when installing the device outdoors.
禁止让任何液体流入设备中，如果安装在户外，必须做好防水措施。
• 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（例如高压变电箱）。
• 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。
• Carry a device by the device body. Do not pull the pigtails.
搬运设备时，使用双手合抱机身将摄像机捧起，禁止提拉尾线。
• 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。

# Install the Device/ 设备安装

A Install the SD card/ 安装 SD 卡

Use a Phillips screwdriver to remove the transparent cover, install the SD card.

使用十字螺丝刀将透明罩卸下，插入 SD 卡。
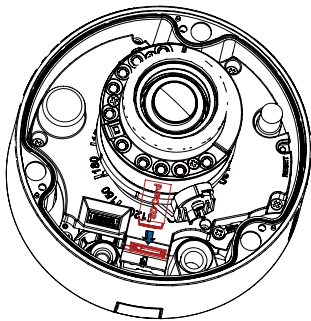
3 Connect the cables to the tails of the camera, perform insulation operations on the cables (see *Connect Cables*), and put the cables through the cable entry on the wall(To route cables from the side, use a Phillips screwdriver to open the cable outlet on the side). Use the torque of 5 to 7 kgf.cm to fasten the tapping screws.

将线缆与摄像机的尾线连接，对线缆进行绝缘处理（参见"连接线缆"），然后塞入墙壁出线孔（如果要从侧方走线，请用十字螺丝刀打开图中标红的侧方出线口出线）。使用 5~7Kgf.cm 的扭矩拧紧自攻螺钉。

The cable outlet on the side
侧方出线口
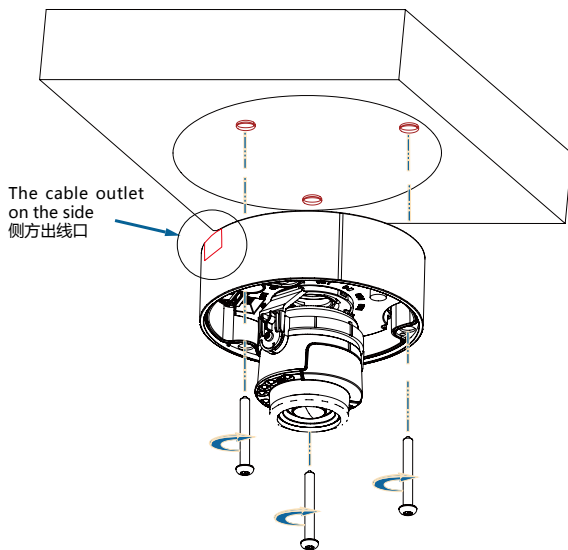
B Surface-Mount/ 吸顶安装

1 Paste the drilling sticker in the camera installation position and ensure that the center of the sticker overlaps the center of the cable outlet on the wall. Obtain a drill bit with a 5 mm diameter and drill four 35 mm holes in the specified positions marked by the stickers. Use a claw hammer to install an expansion bolt into the hole.

将安装定位贴纸贴在摄像机安装位置，贴纸中心请对准墙壁出线孔。依照贴纸上的标注，选择直径为 5mm 的钻头，钻取深约 35mm 的导孔，并使用羊角锤将膨胀螺栓打入钻好的孔内。
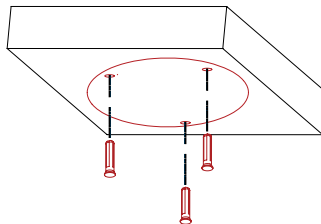

4 This camera uses the tri-axis design, allowing horizontal rotation of ±175 °, vertical rotation of 0~75 °, and chipset rotation of ±175 ° to satisfy different installation angle. Use a Phillips screwdriver to loosen screws on the chipset, and adjust the surveillance angle. After the adjustment is complete, tighten the screws on the chipset. After the adjustment is complete, tighten the screws on the chipset.

该款摄像机为三轴工艺设计，水平方向可转动 ±175°，垂直方向可转动 0~75°，机芯可以转动 ±175°，适应不同角度的安装。使用十字螺丝刀将固定机芯的螺丝拧松，调整监控角度，调整完毕后，拧紧固定机芯的螺丝。
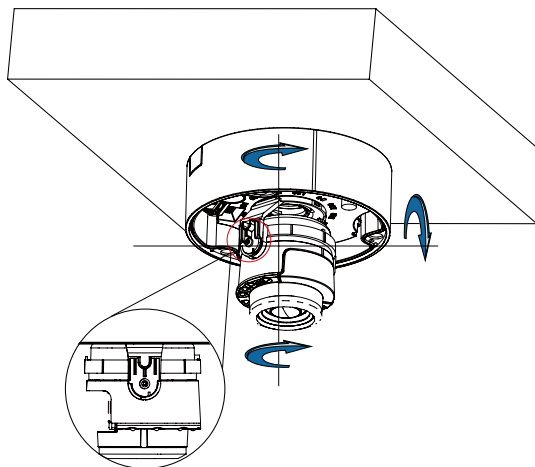

2 Use a Phillips screwdriver to remove the transparent cover, lightly press the inner cover without blocking the two holes, and remove the inner cover.

使用十字螺丝刀卸下透明罩，然后双指轻压内罩非固定卡扣位置，卸下内罩。
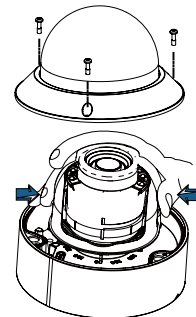
5 Lightly press the inner cover, and fix it to the chipset. Then align the transparent cover with the base through the tapped holes, close the transparent cover, and use a Phillips screwdriver to tighten the screws.

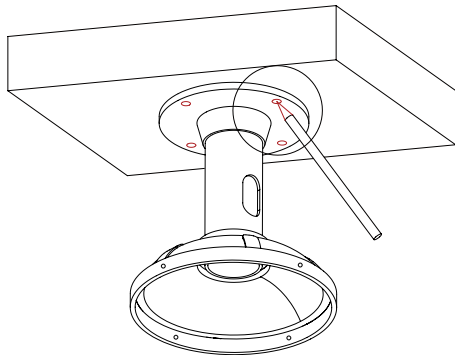双指轻压内罩，将内罩卡槽对准卡扣，固定内罩，然后将透明罩和底座的螺孔位置对齐，合上透明罩并使用十字螺丝刀拧紧螺钉。
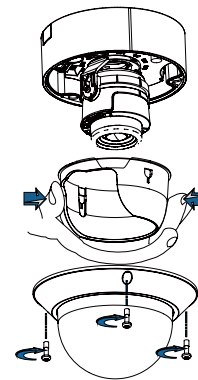
Install the Device/ 设备安装

C Ceiling-Mount/ 吊装

1 Place the ceiling-mount bracket to the required installation location, use a marker to mark the screw installation positions and drill holes in the marked positions.
将吊装支架放置于安装位置，使用记号笔绘制螺钉安装位置，并根据绘制的螺钉安装位置钻孔。

2 Obtain a drill bit with a 5 mm diameter and drill four 35 mm holes in the specified positions marked by the marker. Use a claw hammer to install an expansion bolt into the hole.
依照标记得位置，选择直径为 5mm 的钻头，钻取深约 35mm 的导孔，并使用羊角锤将膨胀螺栓打入钻好的孔内。
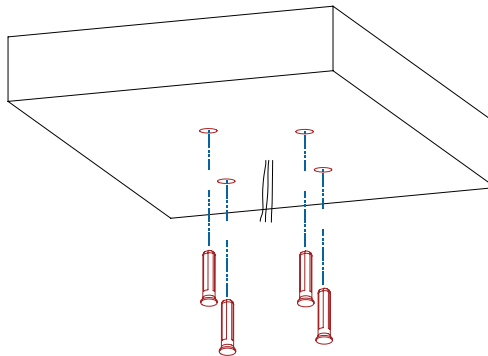
3 Thread the cables through the ceiling-mount bracket. Put the four expansion bolts through the four screw holes at the bottom of the ceiling-mount bracket, and tighten the screw.
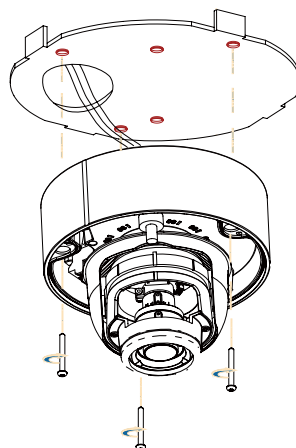将需要与摄像机尾线对接的线缆穿过吊装支架。将吊装支架底座上的 4 个螺孔套在相应的膨胀螺栓上，拧紧螺钉。
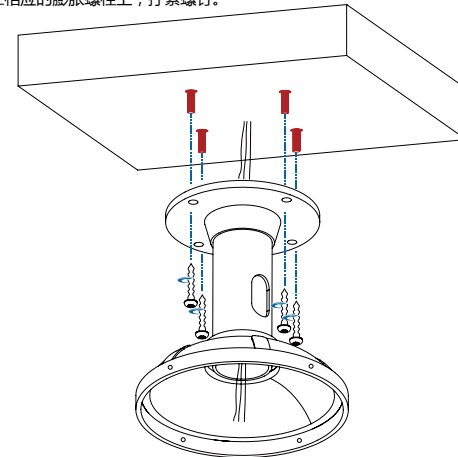
**4** Use a Phillips screwdriver to remove the transparent cover.
使用十字螺丝刀将透明罩卸下。
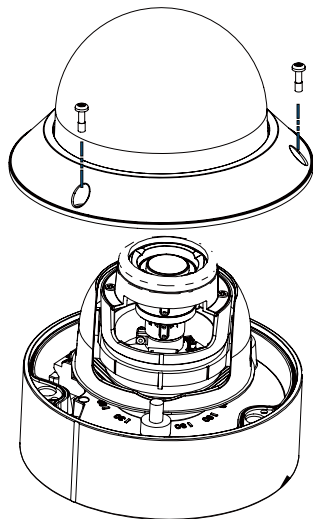
5 Align the tapped holes of the camera with installation slots on the ceiling-mount bracket plate, thread screws through the holes, and tighten the screws.
将摄像机的安装螺孔对准吊装支架安装盘上的对应安装槽，将螺钉穿过螺孔，拧紧螺钉。

6 Align the tapped holes on the edge of the ceiling-mount bracket plate with the tapped holes on the installation bowl, and use a Phillips screwdriver to tighten the screws.
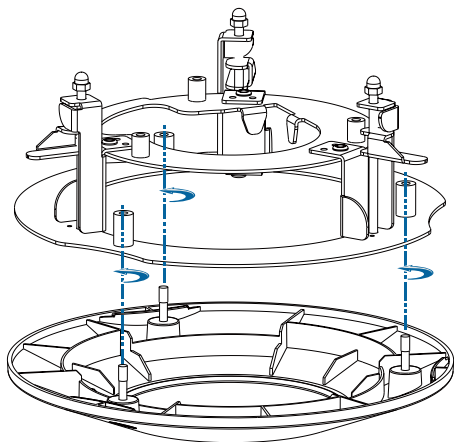将安装盘边上的螺孔对准安装碗的四个螺孔，使用十字螺丝刀拧紧螺钉。
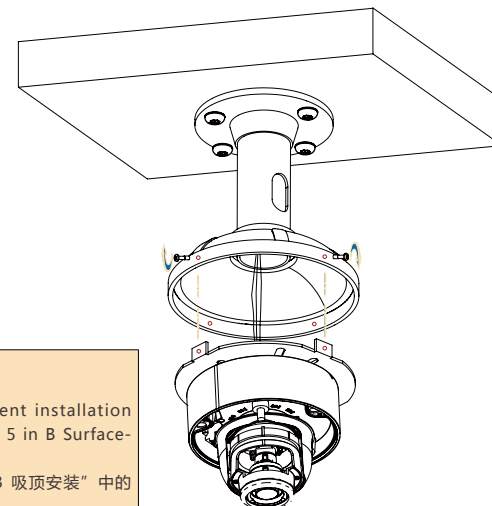
📖 **NOTE/ 说明**

For details about subsequent installation operations, see steps 4 and 5 in B Surface-Mount.
后续安装的具体过程请参见 "B 吸顶安装" 中的 4-5步骤。

# Install the Device/ 设备安装

D Embedded-Mount / 嵌入式安装

1 Remove the decorative box on the embedded bracket.
拧松嵌入式支架上的装饰盒，拆除装饰盒。

2 Use a Phillips screwdriver to remove the transparent cover and place the camera in the embedded bracket. Align the installation screws of the camera with the installation holes on the embedded bracket. Lead the M4 screws through the screw holes and fasten the screws.
使用十字螺丝刀将透明罩卸下，将摄像机装入嵌入式支架中，将摄像机的安装螺孔对准嵌入式支架安装盘上的对应安装槽，将支架自带的 M4 螺钉穿过螺孔，拧紧螺钉。
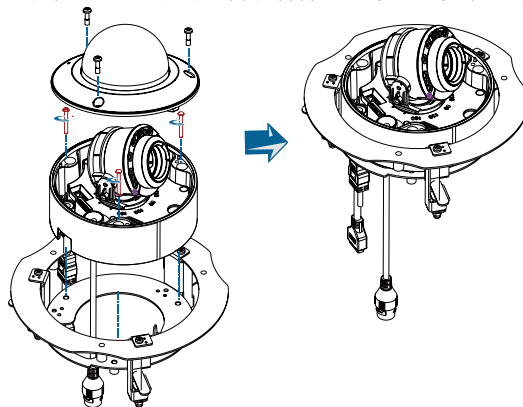
3 According to the size of the stickers.Drill a hole with a diameter of 178 mm on the ceiling.
按照贴纸尺寸，在天花板上打孔，直径为 178mm，厚度 3mm~35mm。
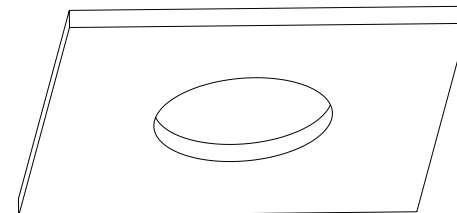
4 Fix the camera and the embedded bracket on the ceiling. Fasten the screws and Undercut flat screw on the embedded bracket. Then, fix the embedded bracket on the ceiling. After the embedded bracket is fixed, adjust the shooting angle of the camera.
将摄像机及嵌入式支架安装到天花板上，拧紧嵌入式支架上的螺丝和倒扣，将嵌入式支架固定到天花板上。固定好后，调整摄像机的监控角度。
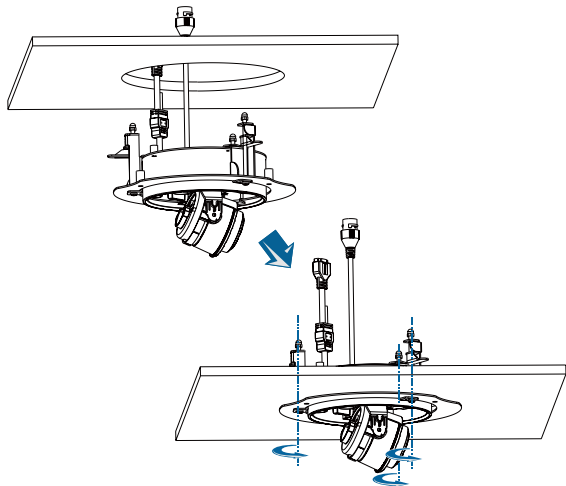
5 Align the transparent cover with the screw holes on the camera base and fasten the transparent cover with the Phillips screwdriver. And then tore off the protective film.
将透明罩和摄像机底座的螺孔位置对齐，合上透明罩并使用十字螺丝刀拧紧螺钉。然后撕掉透明罩保护膜。
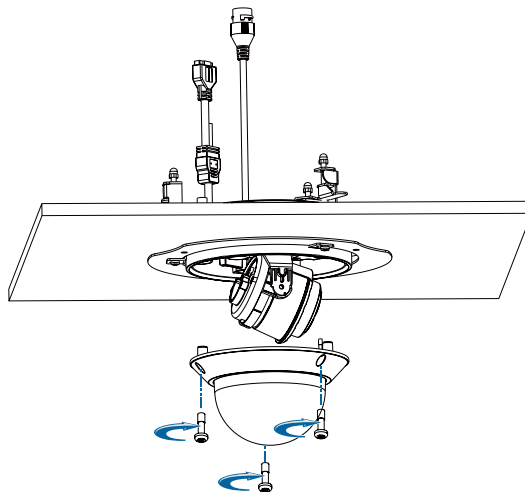
6 Align the decorative box with the screw holes on the embedded bracket and fasten the screws. Then, the installation is complete.
将装饰盒和嵌入式支架上的螺孔位置对齐，拧紧螺丝固定，安装完成。
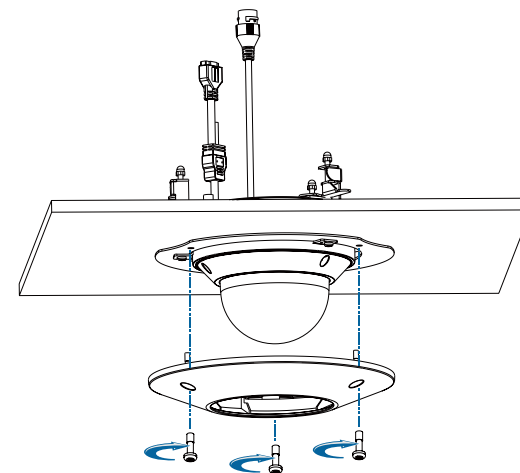
Install the Device/ 设备安装

E Indoor Wall-Mount/ 壁装

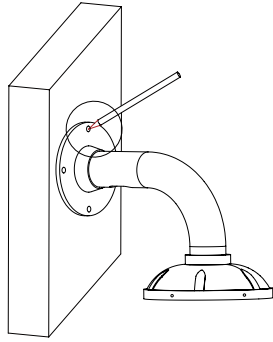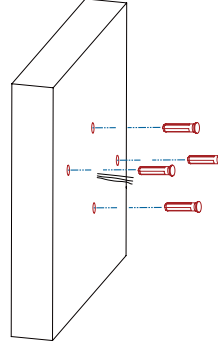**1** Place the wall-mount bracket to the required installation location, use a marker to mark the screw installation positions and drill holes in the marked positions.
将壁装支架放置于安装位置，使用记号笔绘制螺钉安装位置，并根据绘制的螺钉安装位置钻孔。

2 Obtain a drill bit with a 5 mm diameter and drill four 35 mm holes in the specified positions marked by the marker. Use a claw hammer to install an expansion bolt into the hole.
依照标记得位置，选择直径为 5mm 的钻头，钻取深约 35mm 的导孔，并使用羊角锤将膨胀螺栓打入钻好的孔内。

3 Thread the cables through the ceiling-mount bracket. Put the four expansion bolts through the four screw holes at the bottom of the ceiling-mount bracket, and tighten the screw.
将需要与摄像机尾线对接的线缆穿过吊装支架。将吊装支架底座上的 4 个螺孔套在相应的膨胀螺栓上，拧紧螺钉。

📖 NOTE/ 说明

For details about subsequent installation operations, see steps 4 to 6 in C Indoor Ceiling-Mount.
后续安装的具体过程请参见 "C 吊装" 中的步骤 4-6。
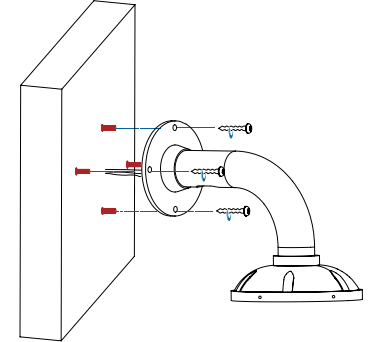
F Connect Cables/ 连接线缆

⚠ CAUTION/ 注意

- In outdoor installation, a lightning arrester must be installed and the lightning arrester must be grounded.
  室外安装时，必须安装避雷器，避雷器必须接地。
- The strong current cables and weak current cables must be separately laid. The distance between the strong current cable and the weak current cable must be greater than or equal to 5 cm. When connecting cables to the device, do not connect the strong current cable to the weak current interface to avoid device damages.
  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。
- If you have to cut off tail cables that cannot be threaded, reserve the labels on the tail cables. Use insulated rubber tapes and waterproof tapes to wrap all tail cables to prevent short circuit and water leakage. Wrap unused cables with waterproof tapes to prevent water seepage.
  如果尾线因无法穿线而必须剪断时，请保留尾线标签。请务必使用绝缘胶带和防水胶带对所有尾线进行绝缘和防水处理，以免造成短路和漏水。对于不用的线头，需要用防水胶带包住，防止渗水。

1 Connect the power cable and the ground cable. A bare wire supports the 1.5 mm² (length is less than or equal to 25 m) power cable at most, and a crimping terminal supports the 1.0 mm² (length is less than or equal to 20 m) or 0.75 mm² (length is less than or equal to 15 m) power cable. The ground impedance must be less than or equal to 5 ohms.and the ground cable length is less thanor equal to 25 meters. Use the OT terminal with an inside diameter of 3 mm.
连接电源线和接地线。接裸线最大支持1.5mm²（长度最大支持 25m）电源线，配压线端子支持 1.0mm²（长度最大支持 20m）或 0.75mm²（长度最大支持 15m）电源线。接地线要求阻抗≤ 5Ω，长度 ≤ 25m，用内径大小为 3mm 的 OT 端子。

Power cable
电源线

Ground cable
接地线
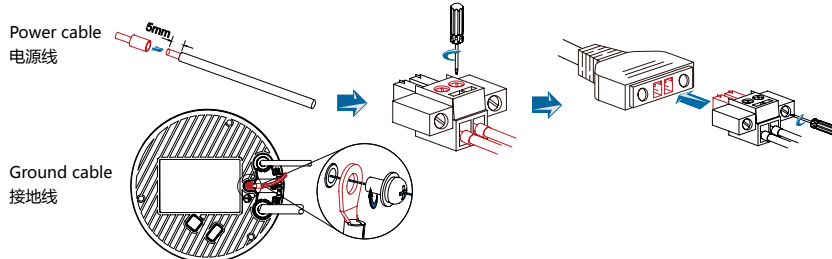
2 Connect the network cable. Mount the rubber ring of the waterproof connector onto the network cable port and install the remaining components of the waterproof connector in sequence.
连接网线。先将线防水接头部件中的细橡皮圈套在网线接口外，再将剩余部件按如图所示顺序安装。

📖 NOTE/ 说明

Before making an RJ11 plug connector, assemble components of the RJ11 plug connector of the waterproof connector for network cables in sequence. Please make the cables according to the standard.
在制作水晶头前，请先将网线防水接头的水晶头侧部件按如图所示顺序组装。请按照标准制作网线。

O-ring for the waterproof connector
网线防水接头密封圈
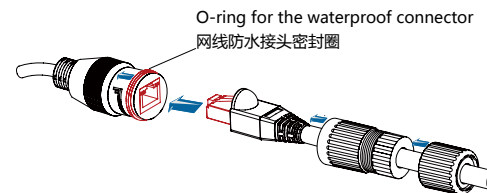
Install the Device/ 设备安装

G Connect Cables/ 连接线缆

③ Connect the audio cable.
连接音频线。
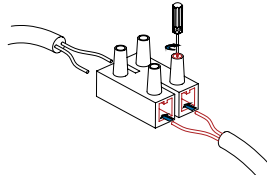
④ Connect the alarm cable. It is recommended that twisted pair cables be used as alarm cables. The diameter of the cable core ranges from 22 AWG to 28 AWG. The impedance of the entire cable is less than or equal to 100 ohms.
连接告警线缆。告警线缆建议使用双绞线，线芯的线径为 22AWG ～ 28AWG，整条线路的阻抗≤ 100Ω。

⑤ Use the insulation tape to insulate the connection part of each cable. Then use the waterproof tape and insulation tape to wrap the cables together into a bundle. Wrap a layer of PVC insulation tape and three layers of waterproof tape. Then wrap three layers of PVC insulation tape. Ensure that the connection parts of the cables do not overlap with each other; otherwise, the cable bundle may not pass through the holes because it is too thick.
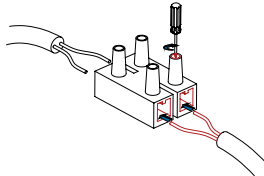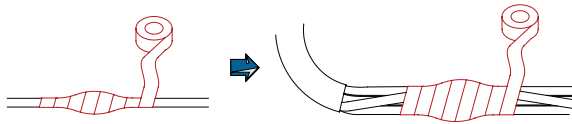先用绝缘胶带对每条线缆对接处做好绝缘防护，然后将所有电缆进行整体绝缘防水处理。绝缘防水处理先缠绕一层 PVC 绝缘胶带，再缠绕三层防水胶带，然后再缠绕三层 PVC 绝缘胶带。对单根线缆做整体缠绕处理时，不同线缆接口处要错开，避免某处缠绕后过大而影响穿线。

📖 NOTE/ 说明

• Stretch the waterproof tape evenly until the tape turns twice as long as before. Then use the stretched waterproof tape to wrap the cable bundle from the insulation sheath to the protection leather hose (for example, the PVC conduit).
均匀拉伸防水胶带，使其长度为原长度的 2 倍后再缠绕。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）。

• When wrapping the tape, ensure that the upper layer covers more than 50% of the lower layer. Each layer of tape must be tightened and compacted firmly.
缠绕绝缘胶带和防水胶带时需保证上一层胶带覆盖下一层的 50% 以上，每一层都要拉紧压实。

Web Operations/Web 操作

① Open Internet Explorer, enter an IPC IP address,IP address can be set automatically via DHCP, or a static IP address can be set manually (192.168.0.120 by default) and press Enter.
当通过PC机直连访问IPC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,IPC可以通过DHCP服务器自动获取IP地址。

📖 NOTE/ 说明

• If a Dynamic Host Configuration Protocol (DHCP) server is configured for the current network and the IPC automatically obtains its IP address from the DHCP server, the system will automatically set the IP address.
当网络配备DHCP（Dynamic Host Configuration Protocol）服务器时，系统将自动配置IP地址。

• PC minimum configuration:Intel fou-generation Core i7,with a clock speed of 3.3G，Video RAM 1.0GB，Memory 8.0GB DDR3 1600MHz .It is recommended that only one channel of 4K video be enabled to prevent frame freezing or artifacts due to insufficient PC performance.
PC机最低配置：CPU，Intel第六代酷睿i7处理器，主频3.3G及以上，显存1.0GB及以上，内存8.0GB DDR3 1600MHz及以上，建议请求一路4K视频，以免因PC性能不足造成卡顿或花屏。

• Supported browsers (on a 32-bit operating system): Internet Explorer 8 and Google Chrome 32 or their later versions; Mozilla Firefox 35 to Mozilla Firefox 51; Google Chrome 45 or later versions need to install the Internet Explorer tab plug-in.
支持的浏览器（32位）：Internet Explorer 8、Google Chrome 32及以上版本；Mozilla Firefox 35~51版本。Google Chrome 45及版本以上需要安装Internet Explorer tab插件。

• To avoid security risks, change the password when logging in to the system as the admin user for the first time.
首次使用admin用户登录时，请务必修改密码，以免造成安全隐患。

② Enter the user name and password. The default user name and password are **admin** and **HuaWei123** respectively.
输入用户名和密码。默认用户名为管理员用户"admin"，默认密码为"HuaWei123"。

③ Click **Login**.
单击"登录"。

Setting IPC Basic Parameters/ 配置摄像机基本参数

① Log in to the web client as the administrator.
以管理员用户登录 Web 客户端。

② Choose **Preview** > **Common** , you can set ISP , Video and OSD parameters.
选择"预览配置 > 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。

③ Choose **Preview**> **IP/Time** , you can set IP address and time parameters
选择"预览配置 > IP/ 时间 "，可以配置摄像机的 IP 地址和时间信息。
For detail about how to set basic parameters, see Configuration Guide.
详细配置方法请参见《配置指南》。

Setting Basic Network Parameters/ 配置基本网络参数

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** , 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 network parameters as planned.
根据规划的数据配置基本网络参数。
For detail 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》。

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 as planned.
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 IPCs is H.265. Verify that the connected surveillance platform supports H.265. Otherwise, see the Configuration Guide to modify the coding protocol of IPCs.
> 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	1/2.5-inch 8 megapixel progressive scan CMOS 1/2.5"800万像素逐行扫描CMOS
Min. Illumination 最低照度	Color(彩色):0.08Lux (F1.53,AGC ON) B/W(黑白):0.08Lux (F1.53,AGC ON) With IR on (开启红外灯):0Lux
Wide Dynamic Range 宽动态	120dB
Focal Length 焦段	(4.1mm~12.8mm)±5%
Video Compression 视频编码格式	H.265/H.264/MJPEG
Max. Resolution 最大分辨率	3840(H)X2160(V)
Power Supply 电源	DC12V±25%,AC24V±24.9%,DC24V±25%,PoE (IEEE 802.3at), power supplies in hot standby mode, differentiation of the positive terminal from the negative terminal for the DC power, no device damage but power-on failure in the case of reverse connection, overcurrent protection for the power adapter. DC12V±25%,AC24V±24.9%,DC24V±25%,PoE(IEEE 802.3at),支持电源热备,DC电源无正负极、设备自适应,适配器供电防过流。
Power Consumption 功耗	Max/最大值:14W Typical/典型值:4.8W
IP Protection Class 防护等级	IP66
Operating temperature 工作温度	With built-in infrared lamp disabled/内置红外灯不开启:-40~60℃ With built-in infrared lamp enabled/内置红外灯开启:-40~40℃

> 📖 **NOTE/ 说明**
>
> The parameters listed in the table are for reference only. For details about the technical specifications, see the product datasheet. To obtain the product datasheet, log in to http://e.huawei.com, choose Products & Solutions > Video Surveillance > HD Network Cameras, and download the datasheet of a specified product model
> 表格中所列参数仅供参考,设备详细技术参数以Datasheet为准,您可以登录http://e.huawei.com,在产品与解决方案,产品分类下,选择"视频监控 > 高清网络摄像机",根据具体型号下载。

Warranty Card

HUAWEI

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:

1. If there is any conflict with contract terms and conditions, the contract terms and conditions shall prevail.

2. 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.

3. For expansion and replacement parts, you are entitled to either of the following warranties (whichever is longer):

(1) A 90-day warranty starting from the date the replacement parts are shipped

(2) The remaining warranty of the original equipment

4. 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个月的设备免费保修期（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》的硬件返修模块响应时间条款。

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C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

Troubleshooting/ 常见问题处理

Q : After you enter the IPC 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 : Use an account with the administrator rights to log in to the web page, choose **Settings > Maintain > Device Reset > Device Operation**, and click **Restore** or hold down the Reset button for at least 3s to restore the camera to factory defaults.

问：忘记 admin 用户的密码？

答：使用其他拥有管理员权限的帐号登录 Web 页面，选择"高级配置 > 维护 > 设备重置 > 设备操作"，单击"恢复默认配置"后恢复系统默认配置，或者长按 **Reset** 键 3s 以上恢复系统默认配置。

Q : The text "Heating..." is displayed on live video, and images cannot be displayed.

A : If the IPC is started in low-temperature environment, the IPC may enter the low-temperature protection mode. In this case, the text "Heating..." will be displayed on the live video. When the temperature of the IPC rises, images can be properly displayed.

问：Web 实况出现"Heating..."字样，图像画面无法显示。

答：在低温环境下启动 IPC，设备有可能会进入低温保护模式，实况页面显示"Heating..."字样，等 IPC 温度上升后，画面会自动恢复正常。

限制物質含有情況標示聲明書

設備名稱：4K微卡口槍型網絡攝像機，型號：IPC6285-VWZ-LPR						
單元	限制物質及其化學符號					
	Pb 鉛	Hg 汞	Cd 鎘	Cr6+ 六價鉻	PBB 多溴聯苯	PBDE 多溴二苯醚
結構件	–	○	○	○	○	○
單板/電路模塊	–	○	○	○	○	○
線纜和線纜組件	○	○	○	○	○	○
紙質配件	○	○	○	○	○	○

備考1："○"係指該項限用物質之百分比含量未超出百分比含量基準值。
備考2："–"係指該項限用物質為排除項目。