

Huawei HoloSens

Box Camera

枪型摄像机

Quick Start Guide

快速入门

Default Login IP 默认 IP 地址	User Name 用户名
192.168.0.120	admin



31500CBP

Issue: 04

版本: 04

The manual may come in different versions, which does not affect your usage.

该手册存在版本升级情况，您收到的快速入门版本不同，属于正常现象。



HoloSens Information Platform
Technical Support
信息平台技术支持

Packing List and Qualification Card

装箱清单和合格证

Component 物品	PCS
Camera 网络摄像机	1
UNC 1/4 screw UNC 1/4螺钉	2
Quick Start Guide 快速入门	1
0.5 mm ² crimp terminal 压线端子 (支持0.5mm ² 的线缆)	2
2.5 mm flat-head screwdriver 一字螺丝刀 (刀头宽度为2.5mm)	1



NOTE/ 说明

Components such as tools, terminals, and screws vary between different camera models.
因款型差异，部分工具、端子、螺钉等可能未列出，具体以实际发货为准。



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 to download the Huawei Enterprise Technical Support app. Then start this app and choose **Products > Intelligent Vision** 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 > 机器视觉”获取最新资料。



HiKnow
Technical Support App
华为企业服务 App

电子电气产品有毒有害物质声明

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 is suitable only for products that work in conditions specified in the product manual.

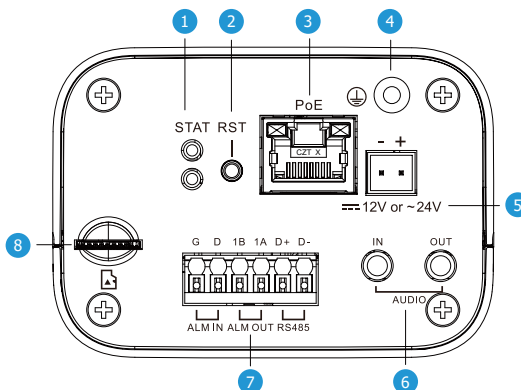
本产品的环保使用期限为20年，标识如左图所示。某些可更换的零部件会有一个不同的环保使用期贴在其产品上。此环保使用期限只适用于产品是在产品手册中所规定的条件下工作。

針對中國臺灣，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。

Port Description/ 接口说明

NOTE/ 说明

- The appearance and components vary depending on camera models. The figures in this document are for reference only.
不同款型设备的外观、结构存在差异，本文档示意图仅供参考，请以实物为准。
- You can log in to <http://holosens.e.huawei.com>, search for the desired device model, and view the datasheet to obtain the device specifications.
您可以登录 <http://holosens.e.huawei.com>，搜索对应款型，查看相应的彩页，获取设备详细技术参数。



NO. 序号	Item 名称	Description 说明
1	STAT	Device status indicator. 设备运行状态指示灯。
2	RST	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 when performing this operation. 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。

Indicator Description/ 指示灯说明

STAT Status Indicator STAT状态指示灯

Off 灯灭	The device is powered off. 设备上电。	Steady green 绿色长亮	The device is running properly. 设备运行正常。
Flashing green 绿灯闪烁	Focus assistance is enabled. 声光辅助对焦启用。	Steady orange 橙色长亮	The device is starting. 设备正在启动。
Fast flashing red 红色快闪	The device temperature is outside of its acceptable operating range and an alarm has been generated. 高/低温达到阈值，产生温度告警。	Steady red 红色长亮	The hardware is faulty. 硬件产生故障。
Slow flashing red 红色慢闪	Packet loss occurs on the network port or the optical port is abnormal. 网口丢包、光口异常。		

Network Port Status Indicator 网口状态指示灯

Flashing yellow 黄灯闪烁	The network port is receiving or transmitting data. 网口有数据收发。	Steady green 绿灯常亮	The network is properly connected. /The PoE port is connected. 网络连接正常/PoE已连接。
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NOTE/ 说明

- The first indicator below the STAT silkscreen is the STAT indicator. The second indicator below the STAT silkscreen is not actually used, so please ignore it.
“STAT”丝印正下方第一个为STAT指示灯，正下方第二指示灯无实际用途，请忽略。
- When the camera is enabled, the indicator turns on. It starts **orange** and then turns **green**.
摄像机启动时，STAT指示灯的变化为：灯灭—橙色—绿色。

NO. 序号	Item 名称	Description 说明
3	PoE	Adaptive Ethernet port. The port supports power over Ethernet (PoE). There are two status indicators on the port: one LINK indicator in green and one ACK indicator in yellow. 自适应以太网口。支持PoE供电。该接口上有两个状态指示灯，一个绿色LINK灯，一个黄色ACK灯。
4	GND	Ground port. 用于连接接地线。
5	DC 12V/ AC 24V	Power input port. 电源输入接口。
6	AUDIO	Audio input/output port. The acousto-optic focus assistance function can be triggered only after the earphone is inserted into and removed from the audio port (OUT) twice. (If you cannot determine whether the focus is clear through images, you can check whether the focus is clear through the device sound or indicator) 音频输入输出接口。音频接口 (OUT) 需要插拔两次才能触发声光辅助功能（当无法直接通过画面判断聚焦是否清晰时，可以通过设备声音或指示灯提示当前聚焦是否清晰）。
7	RS-485	RS-485 port (D-, D+). RS-485接口 (D-, D+)。
	ALM OUT	Alarm output port (1A, 1B). 告警输出接口 (1A, 1B)。
	ALM IN	Alarm input port (positive: D, negative: G). 告警输入接口 (D为正极，G为负极)。
8	SD CARD	SD card slot. The device supports class 10 or higher microSD card. To replace a microSD card, the device must be powered off. Otherwise, an SD card read/write error may occur. When a microSD card is used for the first time, log in to the web client of the device and format the microSD card. For details, see the <i>Configuration Guide</i> . 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，否则可能会造成SD卡读写异常。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》。

Required Tools/ 准备安装工具

Wiring terminals 接线端子	Diagonal cutting pliers 斜口钳	10 mm hammer drill (for pendant- or wall-mounted installation) 冲击钻, Φ10mm (吊顶和墙壁安装时使用)	RJ-45 connector crimping tool 水晶头压线钳
Marker 记号笔	Measuring tape 钢卷尺	Hammer (for pendant- or wall-mounted installation) 羊角锤 (吊顶和墙壁安装时使用)	Waterproofing tape 防水胶带
M8 socket wrench 套筒扳手 (M8)	Wire stripper 剥线钳	H3 and H5 (M6 screw) hex key 内六角扳手 H3和H5 (M6螺钉)	PVC insulation tape 绝缘胶带
#2 Phillips screwdriver 十字螺丝刀 (2#)	Glass cement 玻璃胶	2.5 mm flat-head screwdriver (for cable connection) 一字螺丝刀 (刀头宽度为2.5mm, 接线时使用)	OT terminal(M3) OT端子 (M3)

Install the Device/ 设备安装

A. Lens Installation/ 安装镜头

- The lens type, C-mount or CS-mount, is typically printed on the packaging, or on the hardware itself. 镜头铭牌或包装上通常标示镜头类型, 标示 C-Mount 为 C 型镜头, CS-Mount 为 CS 镜头。

- For a C-mount lens, you will need to use the C/CS adapter shown in ① and ② in the figure below.

当您使用 C 型接口镜头时, C 型接口镜头需配备 C/CS 转接环一起使用。如下图中 ① 和 ② 所示。

- A CS-mount lens does not require the C/CS adapter, as shown in the figure on the right.

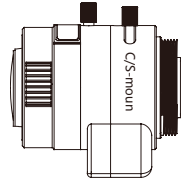
当您使用 CS 型接口镜头时, 无需使用 C/CS 转接环, 如右图所示。

- Connect the iris control cable to the IRIS interface when installing an auto iris lens, as shown in ③ in the figure below.

安装自动光圈镜头需要通过光圈连接线连接 IRIS 接口。如下图中 ③ 所示。

- The camera uses the DC-iris and does not support the P-iris.

摄像机使用 DC-IRIS 光圈, 不支持 P-IRIS 光圈。



⚠ CAUTION/ 注意

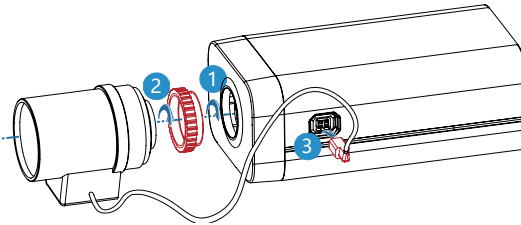
- If an SD card is necessary, insert the SD card before installing the housing. For details, see step 4 in "Cable Connection". The SD card will not be hot swappable. If the SD card is removed or inserted while the device is in use, an SD card exception will be reported. 若涉及 SD 卡安装, 请在“安装护罩”前插好 SD 卡, 详细操作请参见“连接线缆-步骤 4”。使用过程中不支持 SD 卡热插拔, 否则可能会报 SD 卡异常。

- During lens installation, orient the knobs upward to facilitate follow-up lens adjustment.

镜头安装时螺杆位置尽量朝上, 便于后面镜头调试和固定。

- After the camera is installed, remove the protective film from the lens.

摄像机架设完毕后, 再撕掉镜头保护膜。



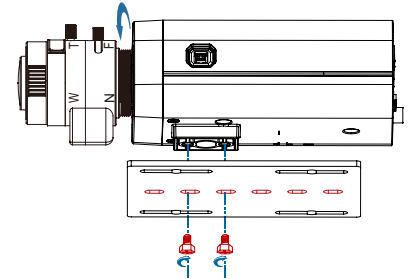
B. Housing Installation/ 安装护罩



CAUTION/ 注意

Box cameras require a special housing to protect them from water and dust.

枪型网络摄像机安装在需要防水、防尘等位置时必须配套安装护罩。



- ① Open the upper cover of the housing and remove the mounting plate. Fix the camera to the mounting plate.

打开护罩的上盖并拆下安装板, 将摄像机固定到安装板上。

- ② Install the mounting plate on the housing. During the installation, adjust the focal length to the maximum value (turn the W-T knob all the way towards W), turn the Near-Far knob to the Near side and place the lens in parallel with the front window of the housing as close as possible (not touching the housing).

将安装板安装回护罩上。安装时将镜头的焦距调至最大 (将 W-T 旋钮调至 W 位置), 将 Near-Far 旋钮按照 N 箭头的方向旋至底部, 然后将镜头尽可能的平行靠近 (不要抵住) 护罩的玻璃。

- ③ For details about how to connect the wiring terminal of the housing, see the label on the upper cover of the housing.

护罩接线端子的连接方式请参见护罩上盖内部的说明。

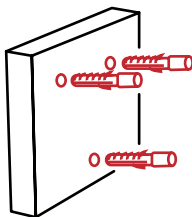
- ④ After the cables are connected, you must fasten the O-ring and use waterproofing tape to cover the gap to prevent water from entering the camera.

连接好线缆后, 必须将防水密封圈拧紧, 并使用防水胶带覆盖缝隙, 以免因漏水而造成设备损坏。

C. Wall-Mounted Installation/ 壁装

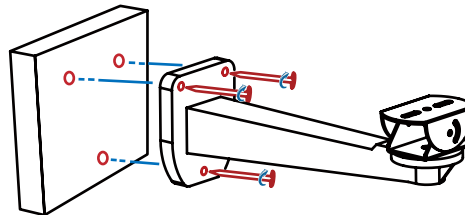
- ① Place the mount in the desired installation position. Use a marker to mark the screw locations. Use an 8 mm drill bit to drill the holes with a depth of about 55 mm. Use a hammer to carefully drive the plastic expansion tubes into the holes.

将支架放置于安装位置, 使用记号笔绘制螺钉安装位置, 选择直径为 8mm 的钻头, 钻取深约 55mm 的导孔。使用羊角锤将白色膨胀管打入钻好的孔内。



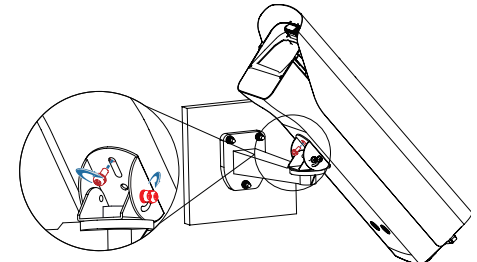
- ② Use the screws to affix the wall mount to the wall.

使用螺钉将壁装支架固定到墙壁上。



- ③ Unfasten the screws on the universal joint so that it can rotate freely. Attach the housing to the universal joint, adjust the housing position, and tighten the screws.

拧松万向节上的螺钉, 使得万向节可以自由转动。将护罩固定到万向节上, 调整好护罩方位后, 拧紧万向节上的所有螺钉。

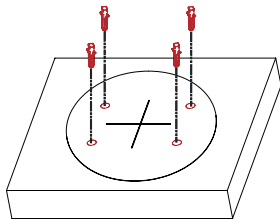


Device Installation/ 设备安装

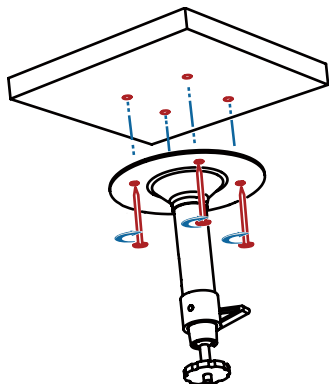
D. Pendant-Mounted Installation/ 室内吊装

- 1 Place the mount in the desired installation position. Use a marker to mark the screw locations. Use an 8 mm drill bit to drill the holes to a depth of about 55 mm. Use a hammer to carefully drive the white plastic expansion tubes into the holes.

将支架放置于安装位置，使用记号笔绘制螺钉安装位置，选择直径为 8mm 的钻头，钻取深约 55mm 的导孔。使用羊角锤将白色膨胀管打入钻好的孔内。

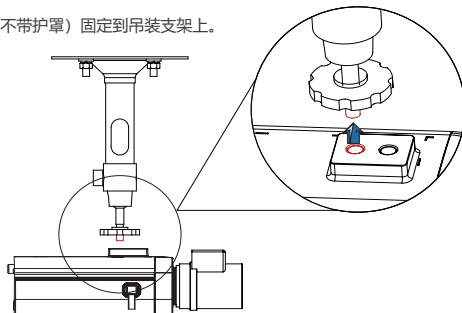


- 2 Install the pendant-mount bracket.
安装吊装支架。



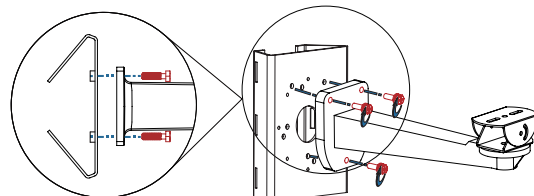
- 3 Secure the box camera (without the housing) to the pendant-mount bracket.

将枪机（不带护罩）固定到吊装支架上。

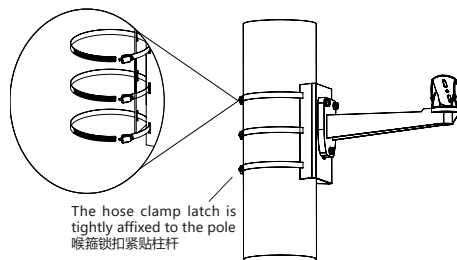


E. Pole-Mounted Installation/ 立杆抱装

- 1 Attach the wall-mount bracket to the pole-mount bracket.
将壁挂支架安装到抱装支架上。

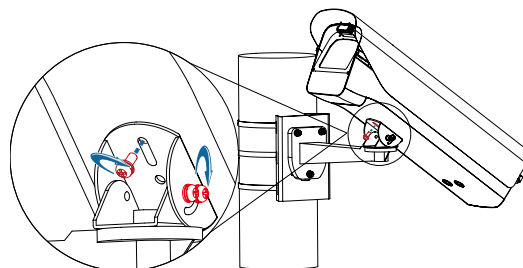


- 2 Use hose clamps to attach the pole-mount bracket to the pole.
使用喉箍将抱装支架安装到柱杆上。



- 3 Unfasten the screws on the universal joint so that it can rotate freely. Attach the housing to the universal joint, adjust the housing position, and then tighten the screws.

拧松万向节上的螺钉，使得万向节可以自由转动。将护罩固定到万向节上，调整好护罩方位后，拧紧万向节上的螺钉。



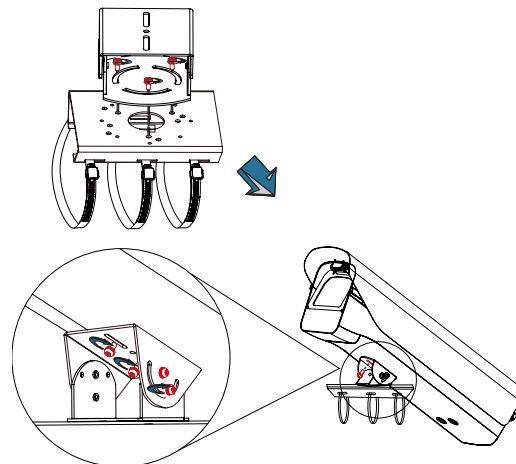
F. Beam-Mounted Installation/ 横臂抱装

- 1 Loosen the hose clamps and remove them. Install the universal joint using the No.2 holes on the pole-mount bracket, as shown in the following figure. Adjust the horizontal angle as needed during installation.

Loosen the screws on the universal joint so that it can rotate freely. Attach the housing to the universal joint, adjust the vertical monitoring angle, and tighten the screws.

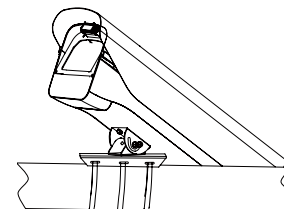
将喉箍拧开，卸下支架上的喉箍环。将万向节安装到抱装支架 2 号孔位（如下图，安装时注意调整好水平检测角度）。

拧松万向节上的螺钉，使得万向节可以自由转动。将护罩固定到万向节上，调整好垂直检测角度，拧紧万向节上的所有螺钉。



- 2 Thread the hose clamp bands through the installation holes on the pole-mount bracket. Place the bands around the pole and tighten them up (refer to step 2 in E Pole-Mounted Installation).

将喉箍环穿过抱装支架的安装孔，并环绕在横臂上，拧紧喉箍（参见“立杆抱装”中的步骤 2）。



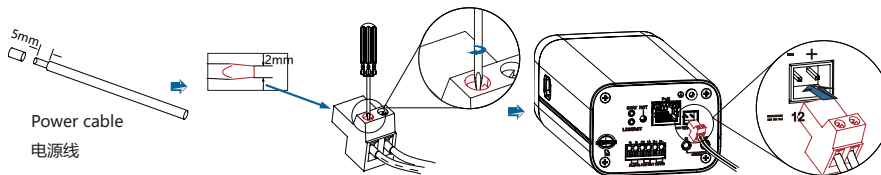
Cable Connection/ 连接线缆

Cable Connection/ 连接线缆

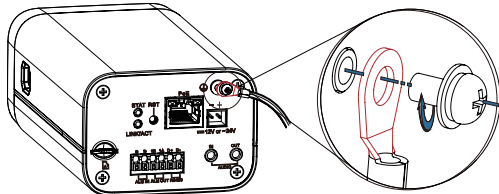
⚠ CAUTION/ 注意

- In areas prone to lightning strikes, the surge protector 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 the cables to the device, take care to avoid connecting strong current cables to weak current interfaces or you will 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进行绝缘和防水处理，以免造成短路和漏水。尾线不能剪断，若剪断，则无法维保。

- 1** Connect the power cable. If crimp terminals are not used, the maximum length of the power cable is 25 m (1.5 mm²). If crimp terminals are used, the maximum length of the power cable is 10 m (0.5 mm²).
连接电源线。接裸线最大支持 1.5mm²（线的长度最大支持 25m）电源线，配压线端子支持 0.5mm²（线的长度最大支持 10m）电源线。



- 2** Ground the device. The impedance cannot exceed 5 ohms, and the ground cable length can be no longer than 25 meters. Use a 3 mm O type terminal.
接地。要求接地阻抗 ≤ 5Ω，长度 ≤ 25 米。使用内径大小为 3mm 的 OT 端子。



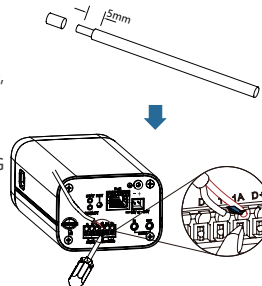
- 3** Connect the alarm cable and the RS-485 cable.
连接告警线缆、RS-485 线缆。

Use a small screwdriver to carefully press in on the plastic key, insert the cable, and release the plastic key to lock the wire in place.

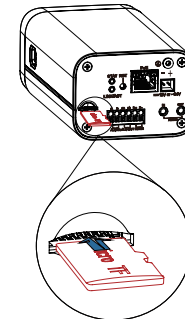
使用小螺丝刀按压接口上方的塑料按键，插入线缆后，松开小螺丝刀即可固定线缆。

It is recommended the diameter of the alarm cable core ranges from 22 AWG to 28 AWG.

告警线缆建议使用线芯的线径为 22AWG ~ 28AWG。



- 4** Insert the SD card.
插入 SD 卡。

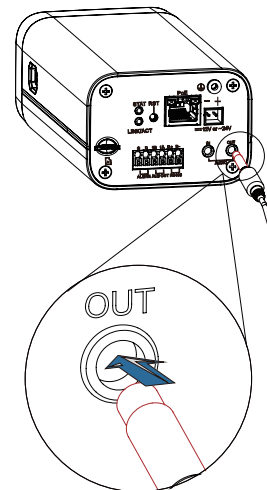


📖 NOTE/ 说明

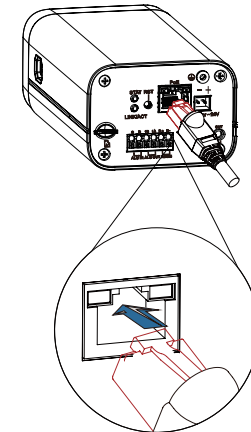
If the camera is not or cannot be connected to a video security platform for a long time, you are advised to disable video buffering to prolong the service life of the SD card. For details, see the Configuration Guide. For details, see the Configuration Guide.

若摄像机长时间无法接通平台或者不对接平台使用，建议手动关闭摄像机的平台离线缓存补录功能，以提高SD卡的使用寿命。详细操作请参见《配置指南》。

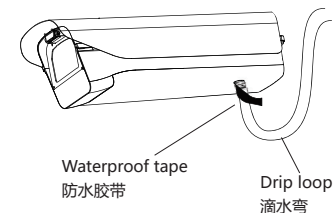
- 6** Connect the audio cable.
连接音频线缆。



- 5** Connect the network cable.
连接网线。



- 7** Make a drip loop below the PG connector. The drip loop is in the shape of an inverted arch (Ω) to create an artificial lowest point of the cable to prevent water leakage.
护罩 PG 头连接点下方制作滴水弯。滴水弯呈倒 Ω 型，形成线缆的最低点，防止漏水。



📖 NOTE/ 说明

The waterproof tape must be wrapped tightly and there must be no gaps in the coverage or water will leak in.
防水胶带尽量缠紧，且覆盖到位，以免漏水。

Lens Adjustment/ 调整画面

Lens Adjustment/ 调整画面

- Loosen the knob on the aperture ring, adjust the aperture to the maximum, and then use the flat-head screwdriver to tighten the knob.

拧松光圈环上的锁定旋钮，将光圈调到最大，使用一字螺丝刀拧紧锁定旋钮。

NOTE/ 说明

For auto aperture lenses, skip this step.
自动光圈镜头请忽略该步骤。

- Loosen the knob on the zoom ring (labeled T and W), and turn the zoom ring to T as far as it will go, and then back to the W direction until you get the view you desire. Then use the flat-head screwdriver to tighten the knob.

拧松变焦环（环上标有 T 和 W）上的锁定旋钮，往 T 方向旋转到无法转动后，再往 W 方向旋转，直到放大倍数满足检测要求为止，使用一字螺丝刀拧紧锁定旋钮。

NOTE/ 说明

- Some zoom rings are labeled T and ∞ (the same as W).
有的镜头的变焦环会标识 T 和 ∞（即 W），请以实际为准。
- If the camera has been installed in the housing, the small knob on the zoom ring may prevent the lens from being rotated freely beyond a certain angle. If this is the case, you can unscrew the knob and mount it to the other knob hole on the zoom ring for further zoom adjustment.
若摄像头已被安置在护罩内，旋转变焦环调焦的过程中，旋至一定角度后，因护罩内空间有限，调焦螺杆可能无法再转动，此时可拧下调焦螺杆，将其装入变焦环上另一处的旋钮孔，则可继续旋转变焦环进行调焦。

- Loosen the knob on the focus ring (labeled N and F), adjust the focus back and forth until your image is clear, and then use the flat-head screwdriver to tighten the knob.

拧松聚焦环（环上标有 N 和 F）上的锁定旋钮，来回旋转聚焦环直到画面清晰为止，使用一字螺丝刀拧紧锁定旋钮。

NOTE/ 说明

- Repeat steps 2 and 3 until the detection range meets the requirements and the image is clear.
重复步骤2和步骤3，直到检测范围满足需求且图像清晰。
- To enable focus assistance, insert the 3.5 mm TRS audio connector to the audio output port, and then remove and insert the connector twice within 5s. The STAT indicator blinks, and you can hear beeps in the headset.
如需启动辅助对焦功能，将3.5mm三段式音频接头插入音频输出出口（AUDIO OUT），然后在5秒内连续拔插2次，启动声光辅助对焦功能。此时状态指示灯（STAT）闪烁，且耳机里可以听到滴滴声。

- View live video from the camera again. If the brightness is too high, loosen the knob on the aperture ring, adjust the aperture to change the brightness as needed, and then use the flat-head screwdriver to tighten the knob.

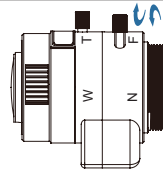
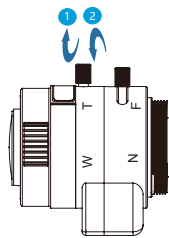
观察实况，如果亮度过高，则拧松光圈环上的锁定旋钮，调小光圈，直到亮度适宜为止，使用一字螺丝刀拧紧锁定旋钮。

- Check the live video feed and ensure that live video is of high quality (for example, being clearly and smoothly played). Then tighten the knob.

观察实况画面，确认画面清晰流畅后，使用一字螺丝刀拧紧锁定旋钮。

- Close the housing if there is one.

完成角度和画面的调整后，如果有安装护罩，请关闭护罩的上盖。



NOTE/ 说明

For auto iris lenses, skip this step.
自动光圈镜头请忽略该步骤。

Installation Verification/ 安装后检查




Installation Verification/ 安装后检查

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。

Check Items/ 检查项	Result/ 检查结果
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"/>
The camera is securely installed on the mount 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"/>
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"/>
Insulation and waterproof measures have been taken to protect cables installed in humid environment, and the drip loops are in correct positions. 设备安装在潮湿环境时，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"/>
If the camera has a ground cable, ensure that the camera is ground. If it is powered by a PoE switch, ensure that the PoE switch is also grounded. 对于有接地线的摄像机，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"/>
The protective film and fixing rubber strip have been removed from the lens and camera body. 对于有镜头保护膜和机身固定胶条的摄像机，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"/>
The camera can power on properly. 确认设备能够正常上电运行。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>
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"/>
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"/>
If the camera is a smart one, ensure that the captured target or vehicle image is clear. The recommended target resolution is at least 120 x 120 pixels. The recommended horizontal resolution of a license plate is at least 80 pixels. 如果是智能款型摄像机，请确保抓拍到的目标 / 车辆图片清晰，推荐目标大小为 120*120 像素及以上，车牌水平大小为 80 像素及以上。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>
In night vision mode, the detection area can be viewed clearly. 确认夜视情况下，能够看清楚检测区域。	Yes/ 是 <input type="checkbox"/> No/ 否 <input type="checkbox"/>



- You can observe the scene on the web page.
通过 Web 页面查看，被检测区域在镜头检测范围内。
- The delivered images are clear.
检测画面图像清晰。

Data Plan/ 数据规划		Web Operations/Web 操作	
IP Address/IP 地址		Network Settings/ 配置基本网络参数	
Parameter 参数名	Description 参数解释	<ol style="list-style-type: none"> Log in to the web client as the admin user. 以管理员 admin 登录 Web 客户端。 Choose Settings > Network. 选择 “高级配置 > 网络”。 Set the network parameters as planned. For details about how to set basic network parameters, see the <i>Configuration Guide</i>. 根据规划的数据配置基本网络参数，基本网络参数的具体配置方式请参见《配置指南》。 	
IP address assignment method 获取IP方式	<ul style="list-style-type: none"> Automatic: The system automatically configures the IP address, subnet mask, gateway IP address, and DNS. 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。 Manual: You need to manually set the IP address, subnet mask, gateway IP address, and DNS. 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。 		
IP address IP地址	<ul style="list-style-type: none"> 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。 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。 		
 NOTE/ 说明 Use the iClient to perform site survey planning, batch upgrade, batch parameter setting, and maintenance for cameras. To obtain the iClient, visit http://support.huawei.com/enterprise and enter iClient in the search box. 可使用 iClient 工具对摄像机进行工勘规划、批量升级、批量参数配置和维护。 请登录 http://support.huawei.com/enterprise 网站，在搜索栏输入 “iClient” 搜索获取该工具。		Appendix/ 附录 Specifications/ 技术参数	
Web Operations/Web 操作			
Logging In to the Web Client/ 登录 Web 客户端			
<ol style="list-style-type: none"> Open Internet Explorer, enter the camera 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 camera using a computer, ensure that the computer is on the same network segment as the camera. When a DHCP server exists in the network, an IP address is automatically allocated to the camera. 当通过 PC 机直连访问摄像机时，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，摄像机可以通过 DHCP 服务器自动获取 IP 地址。 			
 NOTE/ 说明 <ul style="list-style-type: none"> 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及版本以上需要安装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。 			
<ol style="list-style-type: none"> 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。 Click Log In. 单击 “登录”。 		 NOTE/ 说明 The parameters listed in the table are for reference only. You can log in to http://holosens.e.huawei.com , search for the desired camera model, and view its technical specifications. 表格中所列参数仅供参考，您可以登录 http://holosens.e.huawei.com ，搜索对应款型查看技术规格。	
		Item 名称	Description 说明
		Operating temperature 工作温度	For details about the temperature range, see the datasheet of the device model. Note: If an illuminator is built in the housing and the operating temperature is higher than 40°C, the illuminator cannot be enabled. If it is enabled, the camera may be damaged or its service life may be shortened. 具体温度范围请根据款型参见对应彩页。 注：配合护罩内置补光时，工作温度大于40°C时不允许开补光，若开启会导致摄像机损坏或寿命下降。
		Corrosion resistance 防腐等级	Cameras that meet the Class C anti-corrosion requirements can be installed in areas 1500 meters away from the seaside (far away from chemical industry or heavily polluted areas). Cameras that meet the Class D anti-corrosion requirements can be installed in areas within 1500 meters from the seashore or on offshore platforms. C类防腐的摄像机，安装在距离海边1500米以外的区域（远离化工、重污染区）。 D类防腐的摄像机，可安装在海边1500米以内区域或海上平台。

Appendix/ 附录

Troubleshooting/ 常见问题处理

Q : After you enter the camera 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 : After the root certificate is installed, the Internet Explorer still displays "There is a problem with this website's security certificate." After you click **Continue to this web (not recommended)** to access the login page, the "Certificate Error" message is displayed in the address box.

A : Choose **Settings > System > Configuration Management > Certificate Management**, and 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 when the message "Your request for URL has a security risk. You can access this URL by clicking the Continue, I accept this risk. button. If you make this choice, it means that you accept this risk." is displayed during a login attempt?

A: Choose **Tools > Internet Options**, click the **Connections** tab, click **LAN Setting**, and deselect **Use a proxy for your LAN**.

问：通过 web 页面登录摄像机时显示“您访问的链接存在安全风险。若您接收此风险，请点击“继续，我接受此风险”按钮继续访问”，应如何处理？

答：选择“工具 > Internet 选项”，选择“连接”页签，点击“局域网设置”，“为 LAN 使用代理服务器”选择框去掉勾选。

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

A : If the camera is started in low-temperature environment, the camera 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 camera 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 computer 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:

You are entitled a free warranty service of at least 12 months for the camera you purchased from Huawei. The specific warranty duration is subject to the sales contract.

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 **Enterprise Warranty Policy** do not apply to the lithium battery modules.

2. Service Guidelines

This warranty card entitles you to free warranty service within the warranty period.

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

TAC Support: Visit <http://e.huawei.com> and choose **Contact Us > 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最少12个月的设备免费保修服务，合同中有约定的，以销售合同为准。

2.保修期起始时间计算方式：

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《企业产品保修概览》，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>，

用户名称：_____

产品型号：_____

产品条码：_____

购买日期：_____年____月____日

经销商：_____

详细地址：_____

邮编：_____电话：_____

传真：_____E-mail：_____

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

邮寄件上注明保修卡

Appendix/ 附录

Security Precautions/ 安全注意事项

Carefully read and strictly comply with the following instructions. Pay special attention to the alarm details 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。

• After the camera is unpacked, please install and power it on within 24 hours. Do not install the camera in rainy or windy and dusty days to prevent water or sand from getting into the device.
设备打开包装后，请在 24 小时内完成安装上电；避开在雨天和风沙天操作，避免内部进水和进沙而导致的设备故障。

• 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 surge protector 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。

• **CAUTION** If a battery is replaced by an incorrect type, the batter may explode. Dispose of used batteries according to the instructions..

注意 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. Users may be required to take compensatory 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 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 waterproofing 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。

• Do not lift the pigtails when moving the device.

搬运设备时，禁止通过提尾线搬运。

• Comply with related laws and regulations, and respect legal rights of others when using this device. If a camera is installed in a public place, post a clearly visible notice stating, "You have entered an electronic detection area."

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。