

高清云台摄像机
HD IP Camera

KEDACOM

快速安装指南

Quick Start Guide

一前言

感谢您购买我司产品，如对本公司产品有疑问或需要，请随时和我们联系。

此内容（手册）的目的是确保用户正确使用本产品，以避免危险或财产损失。在使用产品之前，请认真阅读此手册并妥善保存以备日后参考。如果用户因没有按照以下安全说明，致使设备不能正常使用或损坏等情况，我司恕不负责，感谢您的配合。

二安全说明

1. 电源要求

- 请在安装使用设备过程中，严格遵守当地各项电气安全规定。
- 请使用满足安全电压要求的电源，在设备运行之前检查供电电源是否正确。
- 请在安装配线时装入易于使用的断电设备，以便必要时进行紧急断电。
- 请在保护电源软线免受踩踏或紧压，特别是在插头\电源插座和从装置引出的接点处。
- 请在断电状态下连接网络\电源等线缆,严禁在设备上电的情况下连线。

2. 使用环境要求

- 请勿将摄像机对准强光（如灯光照明、太阳光等处）聚焦，否则容易引起过亮或漏光现象（这并非摄像机故障）也将影响摄像机寿命。
- 请在允许的湿度和温度范围内运输、使用和存储设备。
- 请勿将设备置于潮湿、多尘、极热、强电磁辐射或照明条件不稳定等场所。
- 请勿让任何液体流入设备，以免内部元件受损。
- 请勿在运输、存储及安装过程中重压、剧烈震动、浸泡设备。
- 请勿安装在不牢固的支架、墙面或屋顶上，否则会导致人机受损。

安装环境		
供电要求	AC24V±10%, 3A	
环境要求	防水、防干扰、防雷击	
温湿度	工作温度	-30°C~+60°C
	工作湿度	10%~95%RH(无冷凝)

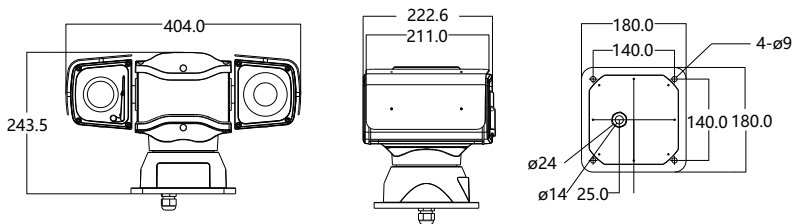
3. 日常维护与保养

- 请勿直接接触设备发热部件，以免烫伤。
- 镜头玻璃沾染灰尘或油脂时，用棉布或镜头清洁布擦拭。若遇污垢难以清除，蘸上少量镜片清洁液，自镜头中心向外旋转轻轻擦拭，直到干净为止。禁止使用有机溶剂（苯、酒精等）对镜头玻璃和护罩前脸进行除尘、清洁。
- 请不要以任何方式拆卸或修改产品。（对未经认可的修改或维修导致的问题，本公司不承担任何责任。
- 如果设备工作不正常，请联系经销商或最近的服务中心。

4. 特别声明

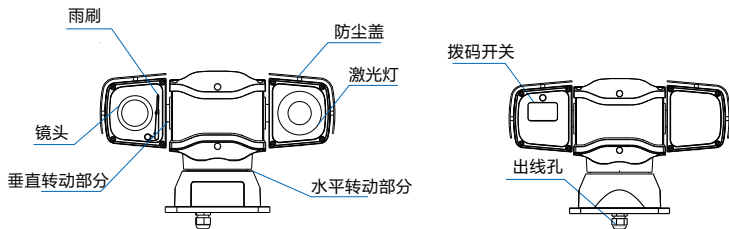
- 本手册中的图示仅供参考，产品请以实物为准。
- 我们尽最大努力来保证本手册信息的正确性，如因升级等原因发生信息修改，恕不另行通知。
- 本手册能作为多个型号产品的使用指导，但不一一列举每个产品的使用情况，请您根据实际产品自行对照。
- 本产品使用PCSearch激活后方能使用（使用IPCSearch可在官网中下载，下载链接<https://www.kedacom.com/cn/softtools/index.jhtml>），激活时请填写有效邮箱，方便找回密码。强烈建议您将密码设置为强密码：由数字、大/小写字母或特殊符号中两种或两种以上类型组合而成，且密码长度满足8-16位。请您定期更改用户名的密码，建议每3个月更新一次密码。如果设备在较高安全风险的环境中使用，建议每月或每周更新一次。请妥善保管好您的用户名与密码。
- 如需获取最新文档，请至官网下载，官网地址www.kedacom.com。

三设备外观 外观尺寸



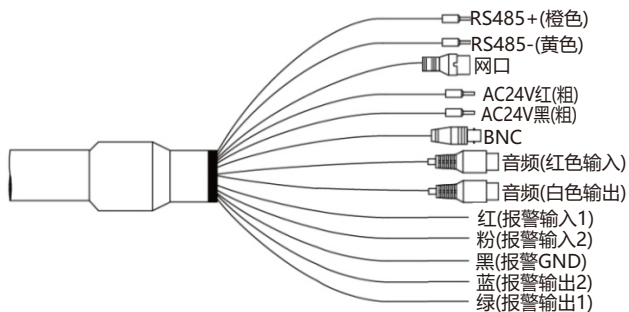
单位: mm

部件说明



重量: 12KG

尾线说明



序号	接口名称	功能描述
1	RS485+/-	信号控制接口
2	网口	连接交换机等网络接入设备
3	AC24V (红/黑)	连接AC24V电源线,不分正负极
4	BNC	视频输出接口
5	音频输入	音频输入接口, 输入音频信号或进行语音对讲 可连接的设备: 拾音器等
6	音频输出	音频输出接口, 输出音频信号 可连接的设备: 音箱等
7	报警输入 (红/粉)	报警输入接口, 输入报警开关量信号 可连接的设备: 烟感器\声控开关等
8	GND	地线接口
9	报警输出 (蓝/绿)	报警输出接口, 输出报警信号 可连接的设备: 报警灯等

四设备安装

1、安装前检查

- 确认安装地点有容纳本产品及其安装结构件的足够空间。
- 请确保安装云台的墙壁承受能力必须能支撑云台及其安装结构件重量的8倍。

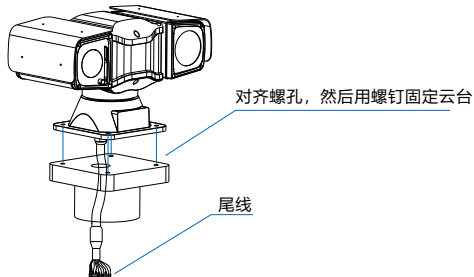
2、安装方式

设备安装方式为底座安装。

【注意】 支架需要客户根据实际情况自行定制。

安装步骤

- 1) 参照外观尺寸图中的底座尺寸在支架上打孔。
- 2) 将防尘盖安装在云台摄像机上。
- 3) 将云台上的底盘螺孔和柱装支架上的底孔对齐，然后通过螺钉紧固云台。



- 4) 安装完成后, 按需要进行接线。检查完毕后设备上电, 可进行其他操作。

【说明】 须在设备未通电的情况下, 进行接线。

五设备使用

- 安装完成后,设备上电, 上电过程中设备会进行自检, 请再次检查。
- 使用IPCSearch进行初始配置和登录, 配置登录方式请参考用户手册。
【说明】 拨码开关保持出厂默认设置, 若无特殊情况, 不可自行修改设置。

附录 AC 24V线径与传输距离关系表

当线径大小一定, AC 12V电压损耗率低于10%时, 不同传输功率推荐的最大传输距离。(对于AC 24V交流供电设备, 其最大允许电压损耗率为10%。下面表格中所用线缆均为铜线, 铜的电阻率为 $\rho = 0.0175\Omega \cdot \text{mm}^2/\text{m}$)

距离m 功率W	线径 mm	0.8 (20AWG)	1.0(18AWG)	1.25(16AWG)	2.0(12AWG)
	5		122 (401)	194 (636)	307 (1008)
10		61 (201)	97 (318)	154 (504)	391 (1281)
15		41 (134)	65 (212)	102 (336)	260 (854)
20		31 (100)	48 (159)	77 (252)	195 (641)
25		24 (80)	39 (127)	61 (202)	156 (512)
30		20 (67)	32 (106)	51 (168)	130 (427)
35		17 (57)	28 (91)	44 (144)	112 (366)
40		15 (50)	24 (79)	38 (126)	98 (320)
45		14 (45)	22 (71)	34 (112)	87 (285)
50		12 (40)	19 (64)	31 (101)	78 (256)
55		11 (36)	18 (58)	28 (92)	71 (233)
60		10 (33)	16 (53)	26 (84)	65 (214)
65		9 (31)	15 (49)	24 (78)	60 (197)
70		9 (29)	14 (45)	22 (72)	56 (183)
75		8 (27)	13 (42)	20 (67)	52 (171)
80		8 (25)	12 (40)	19 (63)	49 (160)
85		7 (23)	11 (37)	18 (59)	46 (151)
90		7 (22)	11 (35)	17 (56)	43 (142)
95		6 (21)	10 (33)	16 (53)	41 (135)
100		6 (20)	10 (32)	15 (50)	39 (128)

【备注】线径要求适用于单根、实心、圆形的铜线, 多股绞线的电缆AWG 值是由所有线的总横截面积决定。

保修说明

本保修卡适用于您购买的本公司系列产品。

1. 免费保修一年（仅限中国大陆地区，中国大陆以外地区请参考英文说明）。

2. 凡保修期内，由于本产品自身引起的故障，请于公司售后服务部联系。

3. 保修时，我们将使用您的保修卡信息，请认真填写。

4. 以下情况属于有偿保修范围：

- 人为原因造成的设备故障
- 因使用环境不符合本产品要求造成的故障
- 因不可抗力造成的产品损坏
- 无保修卡
- 已过免费保修期

用户信息

用户名称：

详细地址：

传真：

电话：

邮箱：

邮编：

产品名称：

产品型号：

购买日期：

I. Preface

Thank you for purchasing our product. If there is any question, please do not hesitate to contact us.

These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss. Please read this Guide carefully before using the product, and keep it properly for future reference. If the product cannot work normally or is damaged because the user does not follow the safety instructions, we shall not assume any responsibility. Thanks for your cooperation.

II. Safety Instruction

1. Power Supply

- During installing and using the device, please follow local electrical safety regulations strictly.
- Please use power supply in the safe voltage range of our product. Make sure if the power supply is correct before running the device.
- Please install an easy-to-use breaker during installation and wiring in case it is necessary to make an emergency break.
- Please prevent the power cord from being trampled or pressed especially the plug, socket and the connecting part led out from the device.
- Please connect network cables or power cord with the power off. Hot-line wiring is not allowed.

2. Working Environment

- Do not focus the camera lens on strong light such as the sun or incandescent lamp; otherwise the strong light will cause overexposure or light leak (not camera malfunction), which may shorten camera lifetime.
- Please transport, use and store the device within defined humidity and temperature ranges.
- Do not expose it in damp, dusty, extremely hot or cold places or places with intense electromagnetic radiation or with unstable lighting.
- Keep the camera away from water or any liquid to avoid damage to internal components.
- While shipping the camera, pack it in the factory packing or use materials with equivalent quality.
- When shipping, storing and installing the device, try to prevent it from damages caused by pressure, violent vibration and soaking.
- Do not install the device on unstable bracket, wall or roof, otherwise damage or injury may be caused to the device or the people.

Working Environment		
Power Supply	AC24V±10%, 3A	
Condition	Waterproof, Anti-interference, Lightning Protection	
Temperature & Humidity	Temp.	-30°C~ +60°C
	Humidity	10%~95% (non-condensing)

3. Daily Maintenance

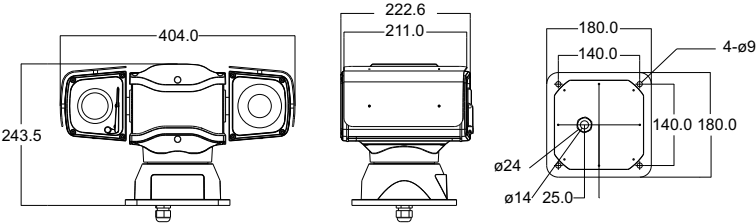
- Do not touch the heat component of the device directly to avoid empyrosis.
- When the lens is contaminated by dust or grease, use cotton cloth or lens clean cloth to wipe it off. When it is hard to clean, dip some lens cleanser and wipe gently and rotate outward from the middle until it is clean. Never apply any organic solvent with ethanol or benzene to clean the lens and housing.
- Do not disassemble or repair the device in any way by yourself. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.
- If the product does not work properly, please contact your dealer or the nearest service center.

4. Special Statement

- The product appearance is subject to the actual device and picture in this Guide is for reference only..
- Every effort has been made to ensure the accuracy and validity of this Guide. Any update of this Guide caused by version upgrade is subject to change without notice.
- This Guide is made for multiple models but it will not illustrate one by one. Please refer to it according to the actual products you are using.
- This device can be used after being activated through IPCSearch in the attached CD. During activation please fill a valid email address for finding back the password.
- To ensure the safety of device on internet, it is strongly recommended that you set a strong password which is composed of at least 2 kinds of the following, numbers, upper-case or lower-case letters or specific symbols, with length of 8 to 16 bits. Please modify the password periodically and once every 3 months is recommended. If the device is used in highly risky environment, suggest modifying the password monthly or weekly. Please keep your user name and password safe.
- Accessing this device to the internet is at user's own risk, including but not limited to the possible network attack, hacker attack, virus infection and etc. This company will not assume any responsibility for problems of product abnormality and information disclosure caused thereof. We shall provide technical support relating to the products in time.
- For the latest documents, please download at our website www.kedacom.com.

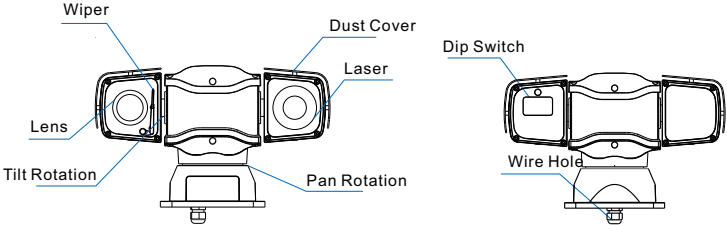
III. Appearance

Dimensions



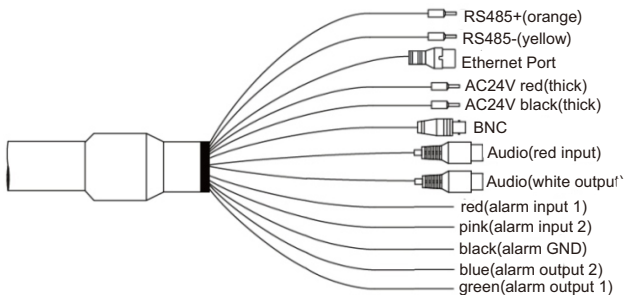
Unit: mm

Components



Weight: 12KG

Tail Circuit



No.	Port	Description
1	RS485+/-	Signal control port
2	Ethernet	Connect to switch or other network access device
3	AC24V (red/black)	Connect to AC24V power cord, irrespective of polarities
4	BNC	Video output port
5	Audio Input	Audio input port, input audio signal or used to talk can connect to: sound pick-up
6	Audio Output	Audio output port, output audio signal can connect to: loudspeaker box
7	Alarm Input (red/pink)	Alarm input port, input alarm switching signal can connect to: smoke detector/televox switch
8	GND	Grounding port
9	Alarm Output (blue/green)	Alarm output port, output alarm signal can connect to: alarm light

IV. Installation

1. Pre-installation Inspection

- Make sure there are sufficient space for installing the camera and its accessories.
- Please make sure the wall for mounting the camera can bear weight as heavy as 8 times of the PTZ camera and its accessories.

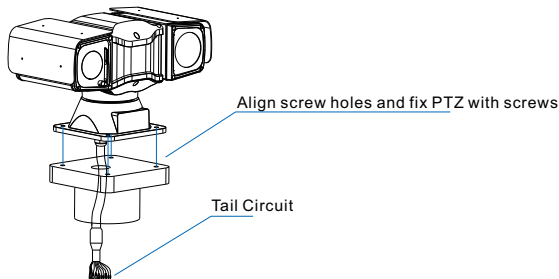
2. Mount Method

The camera is mounted on the base.

[Attention]: Brackets are customized by yourself if necessary.

Installation steps

- 1) Drill holes on the bracket according to the dimensions of the base.
- 2) Mount the dust cover on the PTZ camera.
- 3) Align the screw holes on the PTZ camera to the holes on the bracket and fix the camera with screws.



- 4) After finish installation, connect wires by request. Check the connections and power it on, and perform other operations.

[Note]: When connecting wires, the camera cannot be power on.

V. Operation

- After installation, power it on, during which the device will inspect itself. Please check again.
- Perform initial configuration and login with IPCSearch. Configuration steps can be referred to in the User Manual in the attached CD.
- Get IPCSearch from the attached CD or our official website.

[Note]: The dip switch remains factory default and you cannot edit settings by yourself unless under special conditions.

Appendix: AC 24V Wire Diameter VS. Transmission Distance

The recommended max transmission distance when the wire diameter is certain and the AC 24V voltage loss rate is less than 10% .

For devices powered by alternative current, the max allowed voltage loss rate is 10%. For example, the rated power of a device is 100VA and it is installed 28 inch (8m) away from the transformer, the required minimum wire diameter is 0.8000mm.

Distance feet(m)	D (mm)	Distance (m)			
		0.8000	1.000	1.250	2.000
Power (VA)					
10		283(86)	451(137)	716(218)	1811(551)
20		141(42)	225(68)	358(109)	905(275)
30		94(28)	150(45)	238(72)	603(183)
40		70(21)	112(34)	179(54)	452(137)
50		56(17)	90(27)	143(43)	362(110)
60		47(14)	75(22)	119(36)	301(91)
70		40(12)	64(19)	102(31)	258(78)
80		35(10)	56(17)	89(27)	226(68)
90		31(9)	50(15)	79(24)	201(61)
100		28(8)	45(13)	71(21)	181(55)
110		25(7)	41(12)	65(19)	164(49)
120		23(7)	37(11)	59(17)	150(45)
130		21(6)	34(10)	55(16)	139(42)
140		20(6)	32(9)	51(15)	129(39)
150		18(5)	30(9)	47(14)	120(36)
160		17(5)	28(8)	44(13)	113(34)
170		16(4)	26(7)	42(12)	106(32)
180		15(4)	25(7)	39(11)	100(30)
190		14(4)	23(7)	37(11)	95(28)
200		14(4)	22(6)	35(10)	90(27)

Kedacom Two (2) Year Limited Hardware Warranty

WHAT IS COVERED BY THIS WARRANTY?

Kedacom warrants the Kedacom-branded hardware product and accessories contained in the original packaging (hereinafter referred to as "Kedacom Product") against defects in materials and workmanship when used normally in accordance with Kedacom's published guidelines for a period of TWO (2) YEARS from the date of original retail purchase in areas other than mainland China by the end-user purchaser (hereinafter referred to as "Warranty Period"). For the Kedacom Product purchased in mainland China, see the simplified Chinese version of this warranty for details. Kedacom's published guidelines include but are not limited to information contained in technical specifications, user guides, and service communications. The preceding applies unless otherwise agreed in the contract.

WHAT IS NOT COVERED BY THIS WARRANTY?

This warranty does not apply to any non-Kedacom branded hardware products or any software, even if packaged or sold with Kedacom hardware. Manufacturers, suppliers, or publishers, other than Kedacom, may provide their own warranties to you but Kedacom, in so far as permitted by law, provides their products "AS IS". Software distributed by Kedacom with or without the Kedacom brand (including, but not limited to system software) is not covered by this warranty. Please refer to the licensing agreement accompanying the software for details of your rights with respect to its use. Kedacom does not warrant that the operation of the Kedacom Product will be uninterrupted or error-free. Kedacom is not responsible for damage arising from failures to follow instructions relating to the Kedacom Product's use.

This warranty does not apply: (a) to consumable parts, such as batteries, unless failure has occurred due to a defect in materials or workmanship; (b) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (c) to damage caused by use with another product; (d) to damage caused by acts outside the control of Kedacom, including without limitation acts of God, accidents, abuse, misuse, fire, storms, earthquakes, flood, or other external cause; (e) to damage caused by exposure of the product to heat, bright light, sun, liquids, sand, or other contaminants; (f) to damage caused by operating the Kedacom Product outside Kedacom's published guidelines; (g) to damage caused by service (including upgrades and expansions) performed by anyone other than a representative of Kedacom, Kedacom employee, or authorized Kedacom agent; (h) to an Kedacom Product that has been modified to alter functionality or capability without the written permission of Kedacom; (i) to defects caused by normal wear and tear or otherwise due to the normal aging of the Kedacom Product, or (j) if any serial number has been removed or defaced from the Kedacom Product.

YOUR RESPONSIBILITIES

If your Kedacom product is capable of storing data and other information, you should make periodic backup copies of the information contained on the storage media to protect the contents and as a precaution against possible operational failures.

Before receiving warranty service, Kedacom or its authorized agents may require that you furnish proof of purchase details, respond to questions designed to assist with diagnosing potential issues, and follow Kedacom's procedures for obtaining warranty service. Before submitting your Kedacom Product for warranty service, you should maintain a separate backup copy of the contents of its storage media, remove all personal information that you want to protect, and disable all security passwords.

During warranty service, it is possible that the contents of the Kedacom product's storage media will be lost, replaced or reformatted. In such an event, Kedacom and its authorized agents are not responsible for any loss of data or other information contained on the storage media or any other part of the Kedacom product serviced.

Following warranty service, your Kedacom Product or a replacement product will be returned to you as your Kedacom Product was configured when originally purchased, subject to applicable updates. You will be responsible for reinstalling all other data and information. Recovery and reinstallation of other data and information are not covered under this warranty.

WHAT WILL KEDACOM DO IF THE WARRANTY IS BREACHED?

If during the Warranty Period, you submit a valid claim to Kedacom or an authorized Kedacom agent, Kedacom will, at its option, (i) repair the Kedacom Product using new or previously used parts that are equivalent to new in performance and reliability, or (ii) exchange the Kedacom Product for a refund of your purchase price.

A Kedacom replacement part or product, including a user-installable Kedacom part that has been installed in accordance with instructions provided by Kedacom, assumes the remaining warranty of the Kedacom Product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is replaced or a refund provided, any replacement item becomes your property and the replaced or refunded item becomes Kedacom's property. Kedacom reserves the right to refund the purchase price as its exclusive warranty remedy.

HOW TO OBTAIN WARRANTY SERVICE?

To seek warranty service, please contact a local authorized Kedacom agent. When contacting the agent via telephone, other charges may apply depending on your location.

User Information

Complete the form below and keep for ready reference.

User Name:	
Address:	Postal Code:
Tel:	Mobile:
Fax:	E-Mail:
Product Name:	Product Model:
Date of Purchase:	

客户咨询热线：400-828-2866

KEDACOM

苏州科达科技股份有限公司

Suzhou Keda Technology Co.,Ltd.

中国: 江苏省苏州市高新区金山路131号(215011)

Tel: +86-512-6841 8188 Fax: 86-512-68412699

Suzhou Keda Technology Co.,Ltd.

Singapore: 627A Aljunied Road, #09-07, BizTech Centre, Singapore 389842

Tel: +65-6842-5700 Fax: +65-6842-5900

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