

HD Network IR Bullet Camera

KEDACOM

Quick Start Guide

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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 cables of power, alarm, audio and RS-485 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.
- To avoid heat accumulation, please do not block the ventilation around the device.
- 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.
- This product is IP66-rated. When it works outdoor, please make water-proof treatment to the buttcock lines of the device.

Working Environment	
Voltage	DC12V±10%/PoE(802.3af), Power consumption: 11W max
Temp.	-40°C ~ +60°C
Humidity	10%~95% (non-condensing)
Altitude	-60m~3000m
Pressure	86kPa~106kPa

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 with a valid email address for claiming the password. Please download IPCSearch from our web: <https://www.kedacom.com/softtools/index.jhtml>.
- 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, digits, case-sensitive letters or specific symbols, and whose length ranges from 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 <https://www.kedacom.com/en/downs/index.jhtml>.

III Appearance and Interface

Appearance:

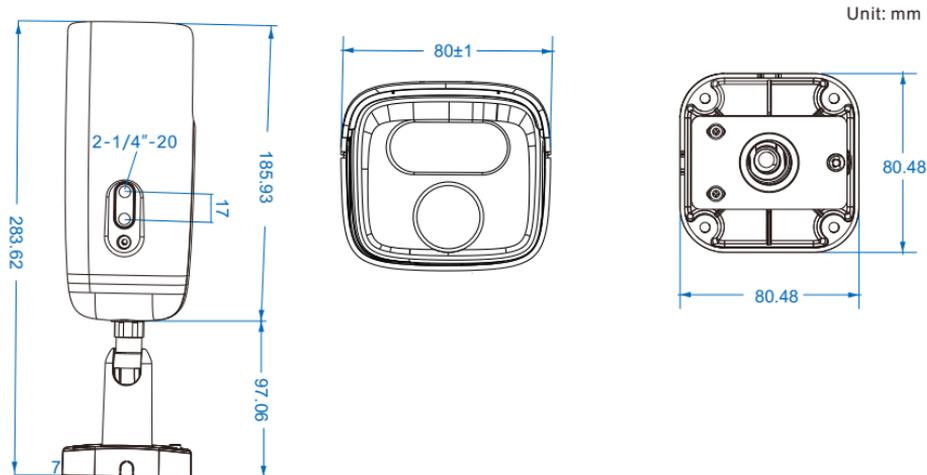
There are two series of this camera, series with bracket and series without bracket. Also, there are two types of front faces, like the following pictures show.

The series with different front faces have the same dimensions and installations.



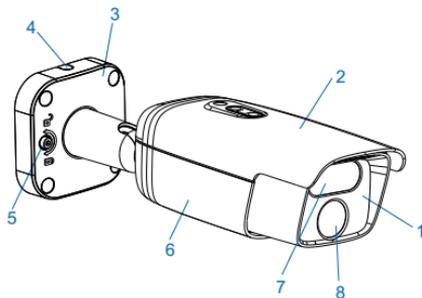
Dimensions:

There are series with bracket and series without bracket. The following dimensions are those of the models with bracket, and the dimensions of the models without bracket are the same as the box camera part of the models with bracket.



Components:

No.	Part Name
1	Viewing Window
2	Upper Cover
3	Installation Base
4	Side Wiring Hole
5	Hexagon Socket Locking Screw
6	Lower Cover
7	LED
8	Lens



Buttcock Lines:

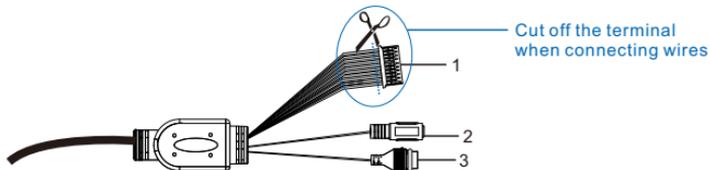


Table 1 Wiring Interface

Interface	Interface Name	Function Description
1	User cable	Including alarm in/out, audio in/out, RS-485 serial port and etc.
2	Power port	Connect to power supply of DC12V
3	Network port	Connect to network access devices such as a switch

Table 2 Cable Group Interface

Interface	No.	Color	Interface Name	Function Description
User Cable Group	1	Blue	ALARM OUT-1-A	Alarm output port, for outputting alarm signal; connect to alarm bell;
	2	Purple	ALARM OUT-1-B	
	9	Red	ALARM IN GND	Alarm input grounding
	8	Gray	ALARM IN-2	Alarm input port, for inputting alarm signal; connect to voice-operated switch;
	7	Orange	ALARM IN-1	
	4	B/W	AUDIO OUT	Audio output port, for outputting audio signal; connect to loudspeaker;
	3	White	AUDIO GND1	Audio grounding
	5	Pink	AUDIO IN	Audio input port, for inputting audio signal; connect to sound pick-up;
	6	Light Green	AUDIO GND	Audio grounding
	10	Green	RS-485-B	RS-485 serial port, to control external devices such as third-party device
	11	Yellow	RS-485-A	

[Note] ALARM OUT-1-A and ALARM OUT-1-B are regardless of positive and negative polarities, but they form a group of alarm output.

IV Installation

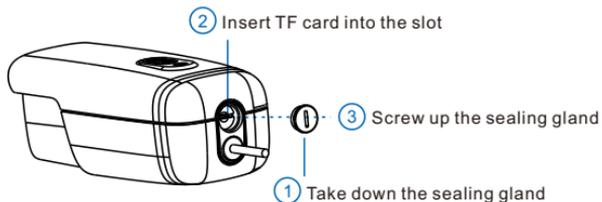
Some models of this series of cameras have a bracket on them while some others require user to install a separate one.

Install TF Card (optional, some models support)

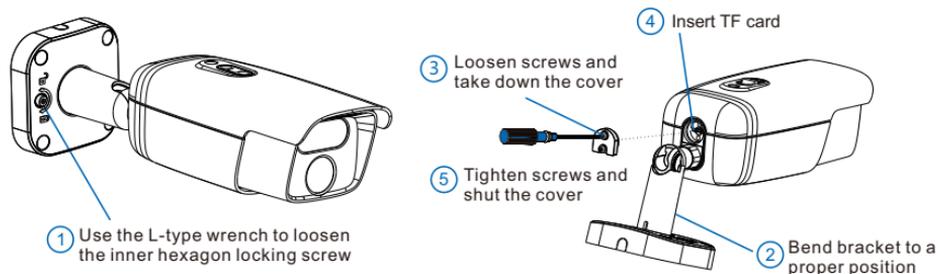
Install a TF card in the camera to enable camera functions of alarm snapshot and video recording. Installation steps are shown in the picture. To make sure the camera is waterproof, please screw up the sealing gland tight and 0.5mm lower than the camera surface.

[Note]: The maximum memory of the TF card is 256G. After inserting the TF card, hot-swapping is not recommended.

TF Card Installation of Models Without A Bracket:



TF Card Installation of Models With A Bracket:

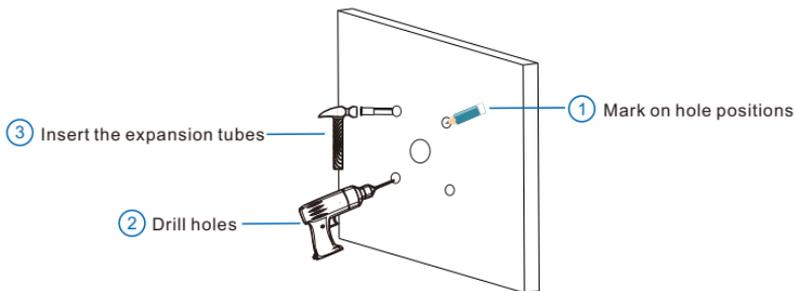


[Attention]: When the TF card cover is taken down, the seal ring, the sealing gland and the screws should be put together. Never attempt to take down the sealing gland.

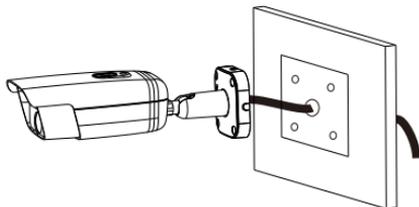
Installation of Models With A Bracket

- 1) Drill holes on the mounting surface. Cling the device base to the mounting surface, mark on the hole positions, drill holes on the wall and insert the 4 expansion tubes into the holes thoroughly.

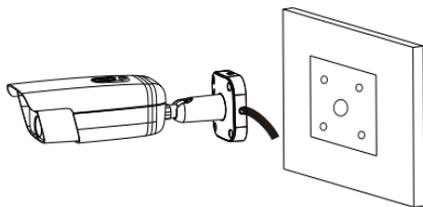
If threading cables from the top of the mounting surface, a cable outlet hole is also needed on the wall. If threading cables from the profile side of the device, lead the cables out through the U-shaped groove at the side of the base.



- 2) Thread cables. When threading cables from the top, thread the power cord and network cable through the mounting surface. When threading cables from the profile side, thread wires through the U-shaped groove at the side of the bracket base.



Wiring from the Top

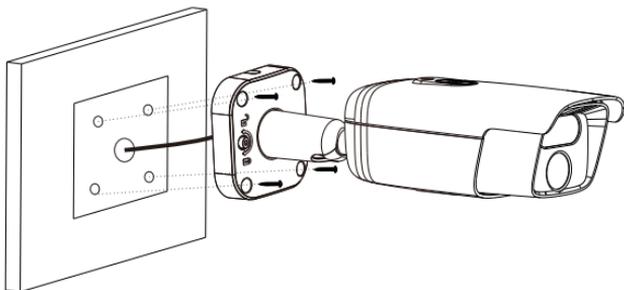


Wiring from the Side

- 3) Connect wires. Connect power cord and network cable, and other necessary buttcock lines.

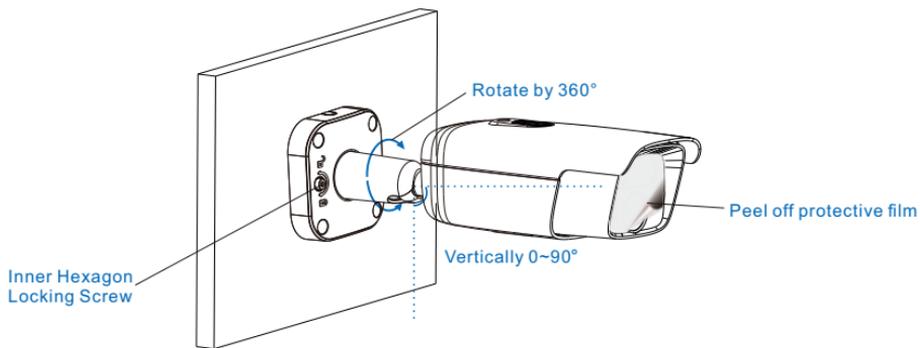
[Note] After connecting the buttcock lines, please make waterproof treatment to the connecting part, steps of which can be referred in chapter VI. Please refer to the Appendix for power cord selection.

- 4) Fix the base onto the wall. Align the 4 screw-fixing holes on the base to the 4 expansion tubes on the mounting surface, insert the 4 tapping screws through the base and tighten them into the 4 expansion tubes. Then the device is fixed onto the mounting surface.



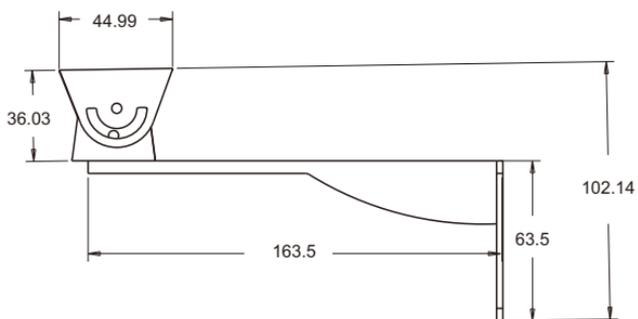
- 5) Adjust lens surveillance direction. Use the L-type wrench to loosen the inner hexagon locking screw on the base, rotate the camera manually in horizontal and vertical directions to adjust its surveillance direction. After adjusting directions, tighten the inner hexagon locking screw on the base and peel off the protective film on the lens.

[Note] For the intelligent series (-Fi4N series), to obtain optimum surveillance angles, the recommended vertical angle range is $10^{\circ}\sim 15^{\circ}$, and 13° is advised. Please refer to chapter **VIII Quick Settings** for details.

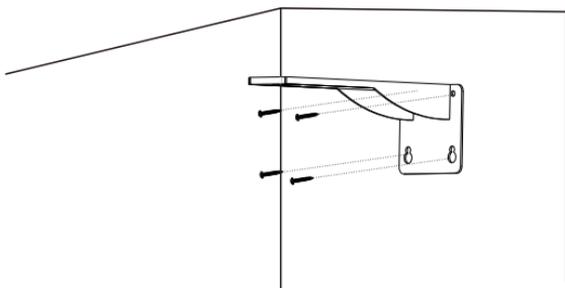


Installation of Models Without A Bracket

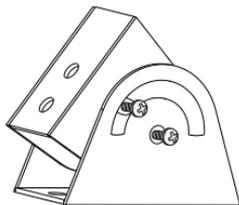
Some models do not have a bracket on it and we recommend bracket of model CM-16. Dimensions of the bracket:



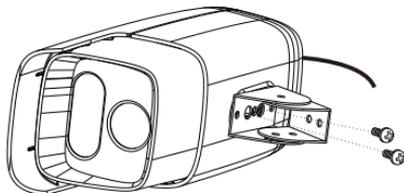
- 1) Fix the bracket onto the wall surface.



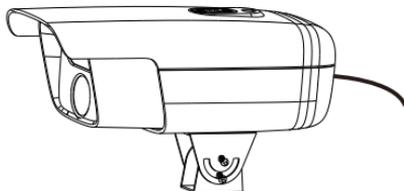
- 2) Loosen the 2 fixing screws at the side of the cardan joint and rotate it till the following position to facilitate the cardan joint fixing the camera.



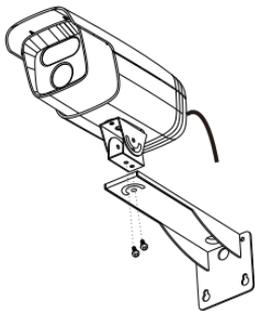
- 3) Align the screw holes on the cardan joint to those on the base of the camera and tighten the 2 fixing screws to fix the cardan joint and the camera.



- 4) Adjust the position of the cardan joint and tighten the 2 fixing screws at the side.



- 5) Align the screw holes at the bottom of the cardan joint to those on the bracket and tighten the 2 fixing screws and fix the device with a cardan joint onto the bracket.



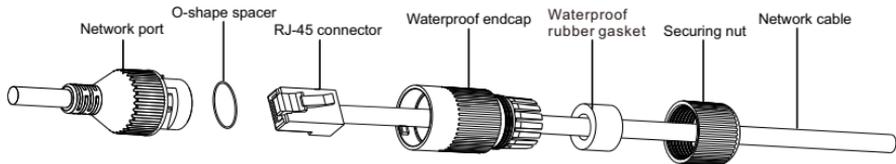
- 6) Connect wires such as power cord and network cable and power on the device. View live video through the web client and adjust camera angle to a proper position.

[Note] 1) Please refer to the follow-up chapters for login to the web client. After installation finishes, peel off the protective film on the lens.

- 2) After connecting the buttock lines, please make waterproof treatment to the connecting part, steps of which can be referred in chapter VI. Please refer to the Appendix for power cord selection.

V Install Waterproof Jacket For Network Port

The device leaves factory with waterproof jacket for the network port. When it is installed outdoor, the waterproof jacket needs to be installed.



- 1) Cover the O-shape spacer onto the network port.
- 2) Thread the network cable through securing nut, waterproof rubber gasket and waterproof endcap successively. Insert the rubber gasket into the endcap.
- 3) Make a RJ-45 connector for the network cable and insert the connector into the network port.
- 4) Cover the waterproof endcap onto the network port and rotate it clockwise to tighten the endcap and the network port.
- 5) Screw the securing nut into the waterproof endcap clockwise to tighten the endcap with it.

VI Waterproof Treatment to Buttcock Lines

After buttcock lines are connected, provide waterproof treatment to the lines according to the following steps. The following pictures are for reference only.

- 1) Connect the buttcock lines, make insulation protection over all wires, and bind them with insulating tape.



- 2) Select a start point for waterproof tape.



- 3) Provide waterproof treatment to the buttcock lines with waterproof tape.



VII Login to the Web Client

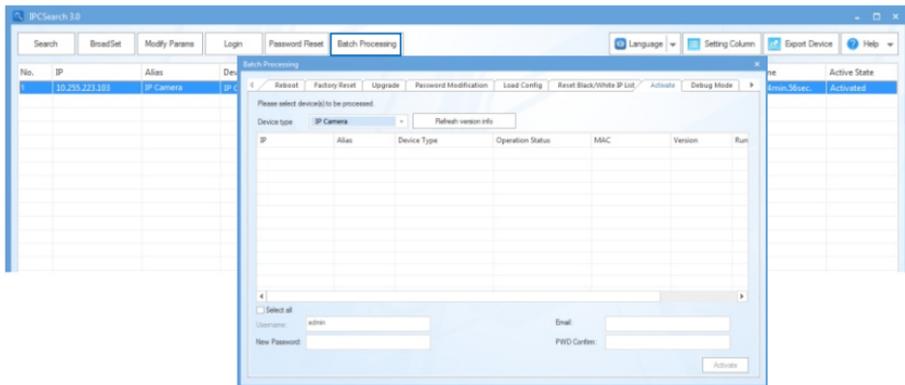
1. Minimum configurations and system requirements:

- Processor: 3.3 GHz CORE®i3 series or other equivalent processors
- RAM Memory: 4GB or above
- Operating System: Windows XP or newer version
- Browser: suggest using IE Kernal browser, other Kernal browsers may affect some functions of the client
- DirectX : 9.0c

2. Device Activation

When using the device for the first time, run IPCSearch: it will search devices in LAN automatically and display the list of device IP address, gateway and etc. If the network provides DHCP service, DHCP server will assign IP for the camera automatically.

- Batch: Select the device and click "**Batch processing**". In the popup interface, set admin user's password and the email address to find back the password. Click "**Activate**" and it will reboot automatically.
- Individual: Select the device from IPCSearch and right click to select "**Active**". Fill admin user name and password and the e-mail address to find back the password. Click "**Activate**" and it will reboot automatically.
- Web client: the device can also be activated through the web client. Set PC and the device in the same network segment and login to the web. User can set admin password and password reset email on the interface and click "**Activate**".



Log In

Weak Strong

A password can be 8-16 bits long and can consist of digits, letters (upper/lower case), and special characters. A password cannot consist of only digits/letters/special characters.

This mail address will be used to reset your password.

Activate

3. Modify device IP address

Click "**Modify Params**" and set the network parameters. When configuring a static IP for the camera, please check "Custom device address (Close DHCP)" and fill the Ethernet parameter. During the modification, the user name (admin) and the password set before activation should be entered. After configuration, the camera will reboot automatically.

4. Login to the device

- 1) Double click the device in IPCSearch or click "**Login**". Enter user name and password to login the web client.

Log In

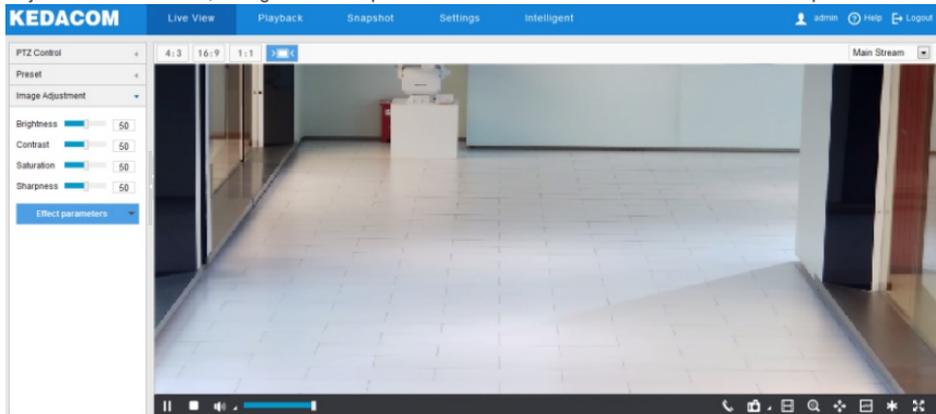
Log in

2) After login, download and install the plug-in (IE Kernal browser).

3) Re-login to the web client and view live video directly.

[Note]: Interface of different models may differ. Please subject it to the actual product. Please refer to the Help file for detailed explanation.

Adjust camera direction, configure camera parameters in web client until the live view meets requirement.



4) After installing the TF card, you need to confirm if the TF card has been formatted. Go to **Settings > Storage > Storage Management** to view TF card status. If it is unformatted, select the TF card and click **“Formatting”** to format it and it will work normally. The formatting supports partitioning to store videos and pictures.

Storage Management

Disk Full Strategy:

Storage Device List:

Disk ID	Capacity	Remaining Space	Status	Type	Attribute	Progress
<input type="checkbox"/> 1	0M	0M	Does not Exist	Local External	Read-write	

Snapshot

Event	Scheduled	Alarming
Local storage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FTP	<input type="checkbox"/>	<input type="checkbox"/>

VIII Quick Settings

[Note] This part introduces the intelligent configuration of the intelligent models, including the “-Fi4N” series.

1. Installation Configuration

Go to **Intelligent > Settings > Install**. Click “**Installation Diagram**” and configure according to the diagram, steps as follows:

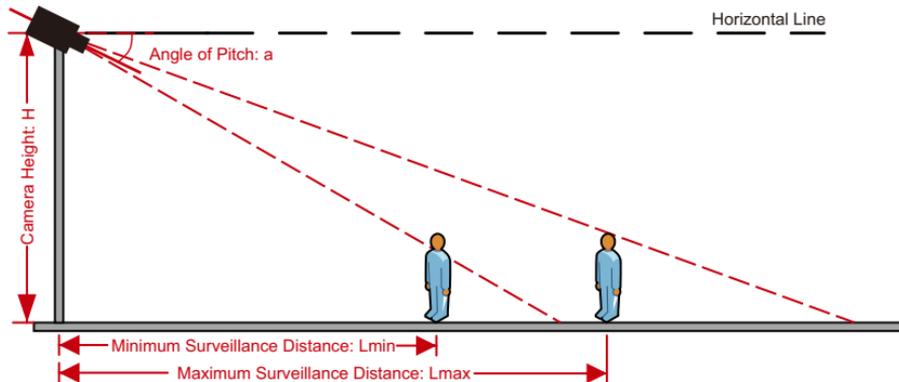
- 1) Installation examination. Select proper installation height for the camera according to actual installation environment and the following tables of Reference of Installation Parameters.

-Fi4N series: Reference of Installation Parameters

Lens Focal Length	Camera Height: H	Surveillance Distance: L	Camera Angle of Pitch: a	Optimum Angle of Pitch: a	Optimum Surveillance Width		
					2.0 MP	4.0 MP	8.0 MP
6mm-22mm	2m	3 m ~ 7.5 m	10° ~ 15°	13°	5 m	6 m	7 m
	2.5 m	4 m ~ 9 m					
	3 m	5 m ~ 11 m					
	3.5 m	7 m ~ 13 m					
	4 m	9 m ~ 16 m					

[Note] Optimum surveillance width means the horizontal distance between the camera and the middle-bottom part of the image.

The above tables are references of installation parameters when the camera angle of pitch is the suggested one, i.e. 13°.



2) Adjust camera field of view.

Select **"Object Pixel Measure"** to show the inter-pupillary distance (IPD) of the person in the picture. Click icons of **"Zoom in"** or **"Zoom out"** to adjust the field of view and make sure the person's face is in the center of the picture and the IPD is no less than 40 pixels. Click **"Save"** to validate settings.

The screenshot shows a software interface for camera configuration. On the left, there is a control panel with the following elements:

- An "installation diagram" button.
- "Step 1" section containing a checked checkbox for "Object Pixel Measure" with a value of "41" displayed next to it.
- A "Show Angle" button.
- "Zoom" controls with three left-pointing arrows and one up-pointing arrow.
- "Step 2" section containing an "Open Clarity Adjust" button.
- "Focus" controls with three icons: a left-pointing arrow, a right-pointing arrow, and a button labeled "AUTO".

The main area is a video feed of a person standing in a hallway. A green bounding box is drawn around the person's face, with a vertical line indicating the inter-pupillary distance (IPD). At the bottom of the interface, there are three blue buttons: "Play", "Pause", and "Save".

- 3) Focusing. The default focus mode of the camera is auto. Only when auto focusing cannot obtain clear images should user focus manually. Click **"Open Clarity Adjust"** and a red frame will display in the picture, showing the clarity coefficient. The larger the coefficient is, the higher the clarity will be. Click icons of **"Focus far"**, **"Focus near"** and **"Auto focus"** to make the lens focus and the clarity coefficient will change accordingly. When the coefficient comes to the max, it means the camera has reached the best focus position.

2. Calibration (Optional)

After finishing installation and configuration of the camera, perform calibration settings. If the camera height, angle of pitch or focal length changes, user needs to calibrate again.

Go to **Intelligent > Settings > Calibration** and configure the prior area. When "Enable Prior Area Flag" is unselected, the default prior area of the camera is full area; after selecting "Enable Prior Area Flag", when an object enters the prior area, the camera will output the optimum snapshots in this area first. In actual scenes, especially when the supplementary light at night can only cover partial area, prior area configuration is necessary. The configuration steps are as follows:

- 1) Select **"Enable Prior Area Flag"** to display the prior area. The default prior area is 1/2 to 3/4 part from the top of the image.
- 2) Click the prior area frame and drag the yellow points at the corners to adjust the length and width of the area; long-press on the blue lines of the frame and drag the frame to move it to a proper position.
- 3) Click **"Save"** to validate settings.



Appendix A: DC12V Wire Diameter VS. Transmission Distance

The recommended max transmission distance when the wire diameter is certain and the DC12V voltage loss rate is less than 10% (For DC12V powered devices, the maximum allowed voltage loss rate is 10%. All the wires in the following table are cooper wires, whose electrical resistivity is $\rho = 0.0175\Omega \cdot \text{mm}^2/\text{m}$)

For example: The power consumption of the device is 15 W and the transmission distance is 50 m. According to the following table, you should choose wires with diameter of 2.0 mm or above, and by referring to **Appendix: Wire Gauges at Home and Abroad**, the CSA of 2.0 mm wire is 3.14 mm². Take redundancy into consideration, suggest using wires of 4 mm².

Distance m (feet)	Diameter (mm)						
	0.800 (20AWG)	1.000 (18AWG)	1.250 (16AWG)	2.000 (12AWG)	2.300 (11AWG)	2.800	3.260 (8AWG)
Power (W)							
5	38(125)	61(199)	96(315)	244(801)	309(1013)	456(1495)	781(2563)
10	19(63)	30(99)	48(157)	122(400)	154(507)	228(748)	391(1282)
15	13(42)	20(66)	32(105)	81(267)	103(338)	152(498)	260(854)
20	10(31)	15(50)	24(79)	61(200)	77(253)	114(374)	195(641)
25	8(25)	12(40)	19(63)	49(160)	62(203)	91(299)	156(513)
30	6(21)	10(33)	16(52)	41(133)	51(169)	76(249)	130(427)
35	5(18)	9(28)	14(45)	35(114)	44(145)	65(214)	112(366)
40	5(16)	8(25)	12(39)	31(100)	39(127)	57(187)	98(320)
45	4(14)	7(22)	11(35)	27(89)	34(113)	51(166)	87(285)
50	4(13)	6(20)	10(31)	24(80)	31(101)	46(150)	78(256)
55	3(11)	6(18)	9(29)	22(73)	28(92)	41(136)	71(233)
60	3(10)	5(17)	8(26)	20(67)	26(84)	38(125)	65(214)
65	Note 1	5(15)	7(24)	19(62)	24(78)	35(115)	60(197)
70	Note 1	4(14)	7(22)	17(57)	22(72)	33(107)	56(183)
75	Note 1	4(13)	6(21)	16(53)	21(68)	30(100)	52(171)
80	Note 1	4(12)	6(20)	15(50)	19(63)	28(93)	49(160)
85	Note 1	4(12)	6(19)	14(47)	18(60)	27(88)	46(151)
90	Note 1	3(11)	5(17)	14(44)	17(56)	25(83)	43(142)
95	Note 1	3(10)	5(17)	13(42)	16(53)	24(79)	41(135)
100	Note 1	3(10)	5(16)	12(40)	15(51)	23(75)	39(128)

- [Note] 1) When the transmission power is over 60 W, apply wires with diameter of 1.0 (18 AWG) or above; over 100 W, apply wires with diameter of 1.25 (16 AWG) or above; over 150 W, apply wires with diameter of 2.0 (12 AWG) or above.
- 2) When the transmission power is between 100W and 200 W, follow the principles of "Power increases by N times and distance reduces by 1/N times" and "Wire CSA increases by N times and transmission distance increases by N times".
- 3) The requirements of wire diameter apply to single, solid and round copper wire. The AWG value of multi-stranded wires depends on the total CSA (Cross Sectional Area) of all wires.

Appendix B: Wire Gauges at Home and Abroad

Metric Bare Wire Diameter (mm)	Approximate US Wire Gauge AWG	Approximate UK Wire Gauge SWG	Bare Wire CSA (mm ²)
0.560	24	24	0.24630
0.600	23	23	0.28270
0.710	22	22	0.39580
0.750	21	NA	0.44170
0.800	20	21	0.50270
0.900	19	20	0.63620
1.000	18	19	0.78540
1.250	16	18	1.22660
1.450	15	17	1.64600
1.630	14	16	2.08567
1.800	13	15	2.54340
2.000	12	14	3.14200
2.300	11	13	4.17000
2.590	10	12	5.26000
2.800	NA	NA	6.15440
3.000	NA	NA	7.06830
3.260	8	10	8.37000
3.670	7	9	10.55000

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:	

KEDACOM

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