User Manual

Wireless Smart Inspection Camera

SmartCam WiFi

Kind Reminder !

Please read this user manual carefully before using the product.

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1. Product Instruction

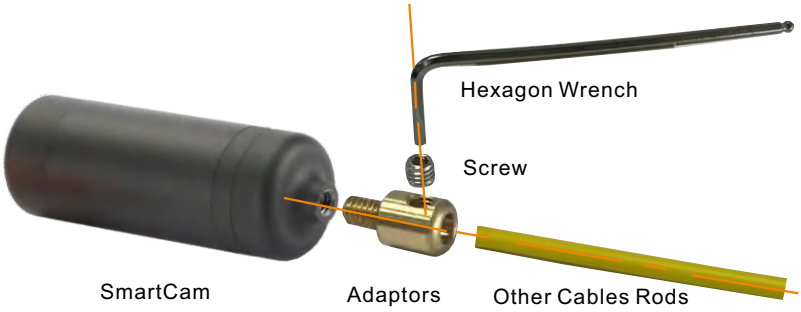
Green light when in use

Blue light when it's fully charged

Red light when it's charging

This is one of the application scenarios, we don't provide this with fiberglass and this stand.

Note: The Smartcam should not work underground, underwater or in metal pipes.



2. App Installation

Download The Smartcam WiFi App: By searching for SmartCam WiFi in the Google Play or Apple APP Store.

Available on the App Store

Requires IOS V11.2 or later

Available on the Google Play Store

Requires Android V6.0 or later

SmartCam WiFi

Note: On first use you need to give the App access to the gallery of photos and videos on your device to be able to allow you to save photos and videos.

3. Connect To Your SmartCam Camera.

3.1 Unscrew the back cover of the camera and turn on the power.

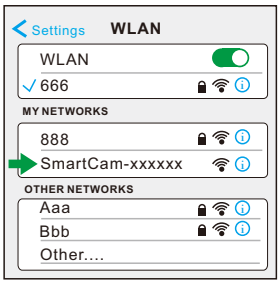
Green light when in use

Note: Ensure the camera is charged.

3.2 Click on the SmartCam WiFi icon'' ",the following dialog box is displayed.

Camera not connected Please connect to your SmartCam WiFi in your Settings.	
Cancel	OK

3.3 Click on "ok", the following dialog box is displayed.

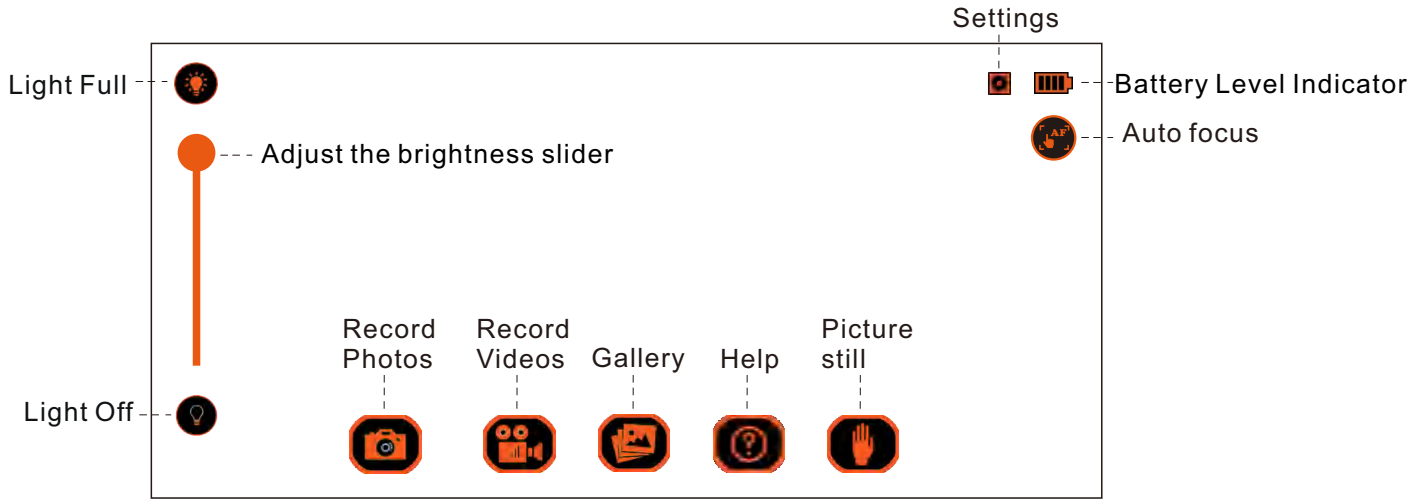


3.4 Search for a wireless name "Smartcam-xxxxxx" in the wireless listing and click to select it.(No other WiFi network is needed)

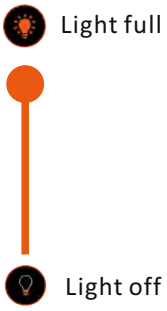
3.5 Return to the APP home screen to watch the video.

4. SmartCam wiFi App Introduction

4.1 SmartCam WiFi App home page function button introduction



Brightness



Adjust the brightness of the six white lights by moving the circular icon " " on the left up and down. The lights are brightest when the circular icon is moved to the top and off when the circular icon is moved to the bottom. The six white lights can also be controlled by 25 percent or half of their brightness when the circular icon is moved from bottom to top or from top to bottom.

Record photos

Click on the Camera icon to take a photo.
Photos are saved on Phone by default.

Record videos

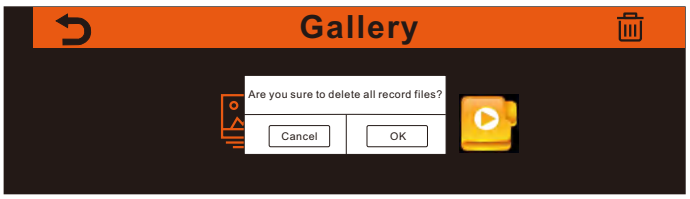
Click on the Video icon to take a video.
Videos are saved on Phone by default.

Gallery

Click on the "Gallery" icon to access all pictures and videos taken with smartCam.

click on the Gallery icon " "and the following interface will pop up:

If you want to delete all the photos and videos stored on Phone through the smartcam wifi, click the Delete icon "🗑" in the upper right corner of the interface. A dialog box will pop up asking you to confirm whether you want to delete them.

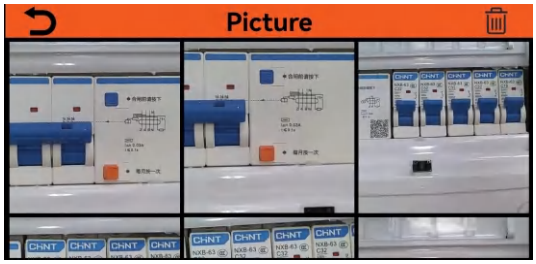


If you're sure you want to delete all the photos and videos, click the OK button. If you don't want to delete them, click the Cancel button.

Note: If there are no photos or videos taken through the smartcam wifi in the **Gallery**, the delete icon "🗑" will not be displayed.

View photos

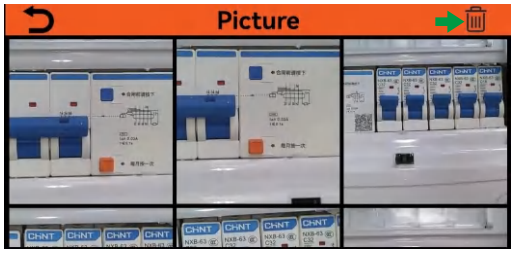
Click on the photo file icon “ ”and the following interface will pop up:



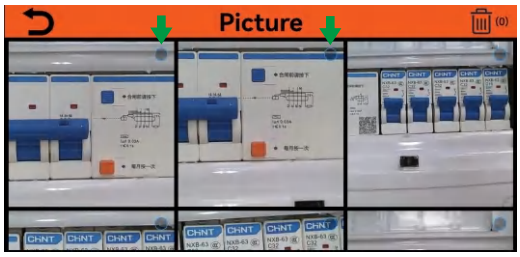
You want to see that photo, just click on the photo above, and it pops up.

Delete photo

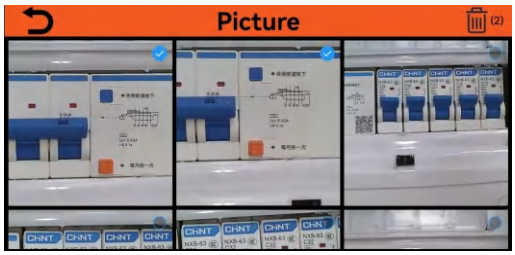
If you delete a photo, do the following:



1. Click the Delete icon “ ”in the upper right corner of the screen above.

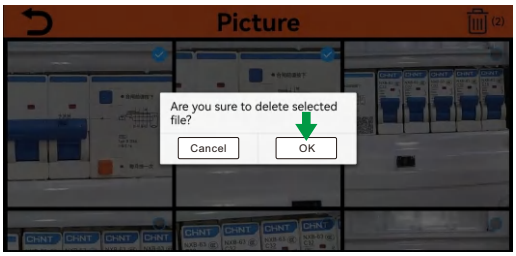


2. In the upper right corner of each video, a blue circle with a gray icon inside will be displayed, as shown in the screen above.



3. Click on the blue circle in the top right corner of the photo you want to delete. The circle will turn blue and a white √ will pop up inside it. See the screen above.

Click the Delete icon in the upper right corner of the interface again, and a dialog box will pop up asking whether you want to delete or not.



4. If you're sure you want to delete the photo, click the OK button. If you don't want to delete the photo, click the Cancel button.

View videos

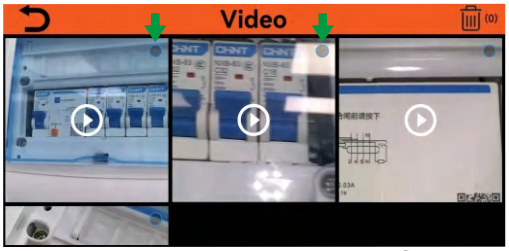
Click on the video file icon “ ”and the following interface will pop up:

Directly tap the video file you are watching in the above screen, and the video will pop up and play automatically.

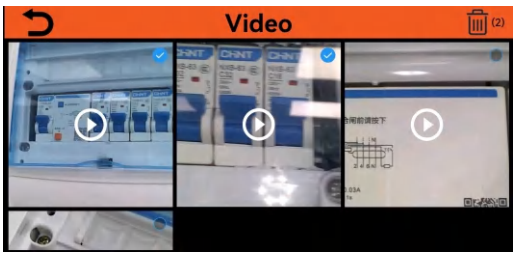
Delete videos

If you want to delete the video, do the following:

1. Click the Delete icon "🗑"in the upper right corner of the screen above.

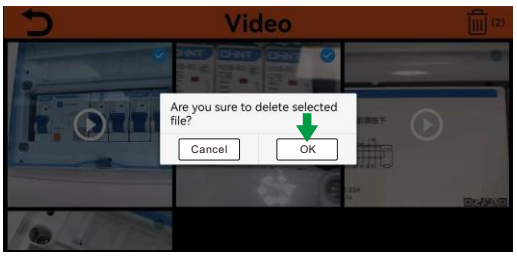


2. In the upper right corner of each video, a blue circle with a gray icon inside will be displayed, as shown in the screen above.



3. Click on the blue circle in the top right corner of the video you want to delete. The circle will turn blue and a white √ will pop up inside it. See the screen above.

Click the Delete icon in the upper right corner of the interface again, and a dialog box will pop up asking whether you want to delete or not.



4. If you're sure you want to delete the video, click the OK button. If you don't want to delete the video, click the Cancel button.

Help

Click on the "Help" icon to pop up the following interface:

Click on the "User Manual" icon and the user manual information will appear..

Picture still

Click on the palm icon will generate a still photo, allowing you to decide whether to save the photo.

Click on the palm icon and the following interface will pop up:

Click on the Save icon if you think the photo looks good,or click on the Cancel icon if you don't think it looks good.

Auto focus

Click on the AF icon to automatically adjust the lens focus.

Click on the AF icon before image quality

Click on the AF icon after image quality

Manual focus

Long press the AF icon, and the AF icon turns into MF icon. At the same time, a blue circular icon with a slider pops up on the screen. By moving the blue circular slider, you can adjust the lens focus.l

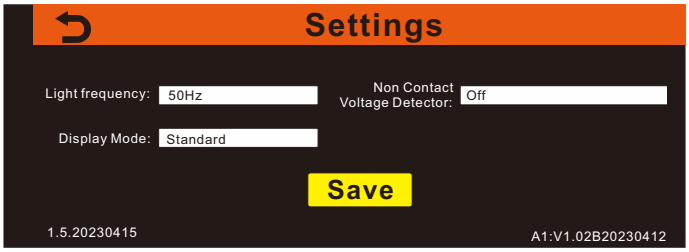
Battery Level Indicator

Battery Full

Battery Low

Settings

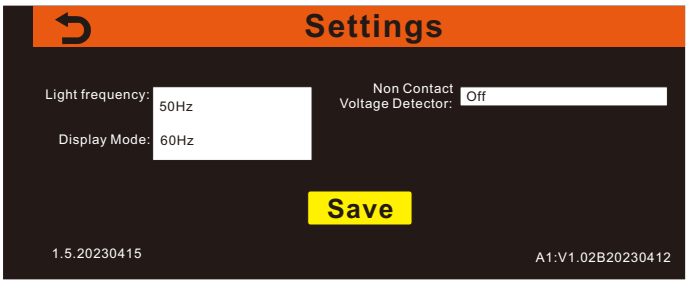
Through the setting interface, you can set the Light frequency, image display mode and non-contact voltage detector display mode. At the same time, you can see the firmware version of the product and APP version information in the setting interface. Click on the Settings icon, and the following interface will pop up:



Note: After modifying any function in the setting interface, you need to click the Save button, so that the function can be modified successfully.

Light frequency

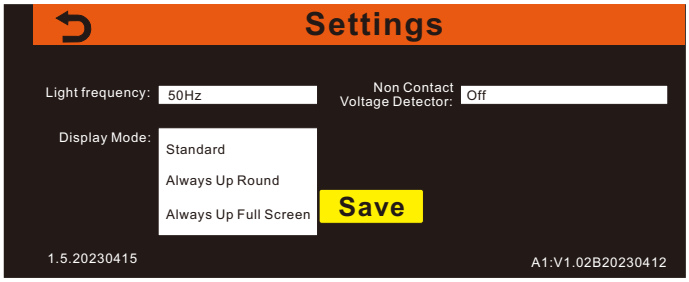
It has two options for light frequency: 50Hz and 60Hz, as shown in the following interface.



The default frequency is 50Hz. If the frequency is 60Hz in your area, please select 60Hz and click Save button.

Display Mode

It has three display modes: standard, always up round and always up full screen, as shown in the following interface:



Standard Mode: the image on the screen rotates as the camera rotates. As shown in the following picture:

The image displayed with the Smartcam facing up.

The image displayed after the smartcam is rotated 180 degrees.

Always Up Round Mode: the image on the screen remains the right way up on the app display, regardless of the camera's orientation， And the video always appears round. As shown in the following picture:

The image displayed with the Smartcam facing up.

The image displayed after the smartcam is rotated 180 degrees.

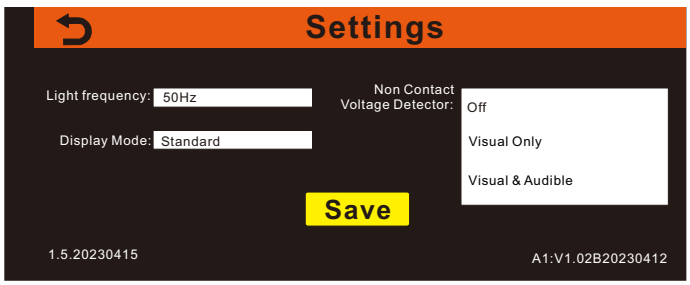
Always Up Full Screen Mode: the image on the screen remains the right way up on the app display, regardless of the camera's orientation， As shown in the following picture:

The image displayed after the Smartcam is rotated 90 degrees.

The image displayed after the smartcam is rotated 180 degrees.

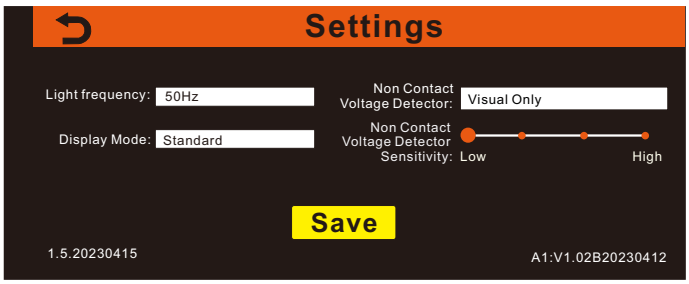
Non-contact voltage detector

It has three options for Non-contact voltage detector: Off, Visual Only and Visual & Audible, as shown in the following interface:

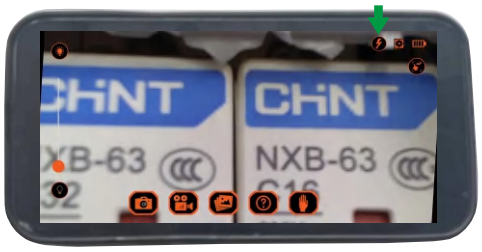


Off: Indicates that the non-contact voltage detector is turned off.

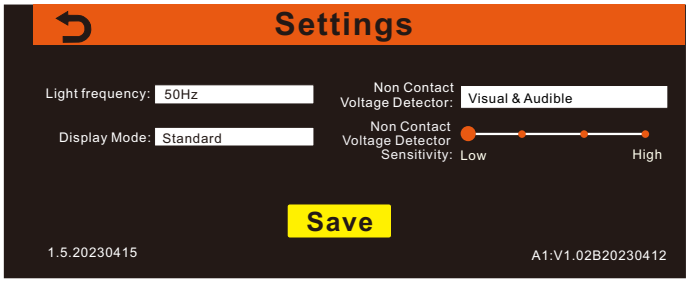
Visual Only: When Visual Only is selected, the following screen pops up:



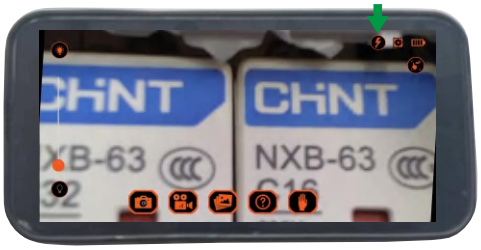
The sensitivity of a Non-contact voltage detector is divided into four taps, with the left having the lowest sensitivity and the right having the highest sensitivity. You can adjust the sensitivity of a Non-contact voltage detector by dragging the slider.When voltage is detected, only the red circle icon“ ”pops up on the video.as shown in the following interface:



Visual & Audible: When Visual & Audible is selected, the following screen pops up:



The sensitivity of a Non-contact voltage detector is divided into four taps, with the left having the lowest sensitivity and the right having the highest sensitivity. You can adjust the sensitivity of a Non-contact voltage detector by dragging the slider.When voltage is detected, a red circle icon “ ” pops up on the video along with a "didi" sound. as shown in the following interface:



App Version

1.5.20230415 in the lower left of the Settings screen is the version of APP smartcam wifi. This version is constantly changing.

Firmware Version

A1:V1.02B20230412 in the lower right corner of the Settings screen is the firmware version of smartcam wifi product. This version is also changing.

Fast Charge

When the camera is charged, the icon” “ is displayed on the APP interface, and the camera can be fully charged in 60 minutes. as shown in the following interface:

Record video with sound

This feature can only store sound recordings in the smart device, not on the SD in the SmartCam.

It can provide customers with accurate inspection reports.

Digital pinch zoom

Zoom in and out of an image by using two fingers to drag in and out of the smartcam wifi app screen.It can increases visibility and precision on inspections.

The video image is displayed normally.

Zoom in to display the video image.

5. Packing List

1. SmartCam-Wireless Smart Inspection Camera
2. Type C Charging Cable
3. Iron Hook
4. Gooseneck
5. Carry Case
6. 1m Telescopic Stick
7. Adaptors
8. Hexagon Wrench

6. Specifications

Wireless Smart Inspection Camera Specifications	
Sensor Type	1/4" CMOS
Image Resolution	720p (1280 x 720)
Lens	Auto/manual focus
Viewing angle	Horizontal:44°, Vertical:27°
Focal length	F=4.5mm
Aperture	F2.5
Wireless Range	up to 20m (In line of sight)
Frequency	2412-2462MHz
Operating Time	approx 90 mins (LEDs full) to 105 mins
Charging Time	60 min fast charge
Battery Capacity	650mAh
Battery Type	lithium polymer
Charge Voltage	DC 5V
Non-Contact Voltage Detector Sen-sitivity	best sensitivity 150 voltage AC and above - CATIII 600V
Non-Contact Voltage Detector Sen-sor Range	50V-1000V AC (Approx)
Adjustable bright white LEDs	6 white - control functionality via the app (off, 25%, half, full)
Waterproofing grade	IP67, When the back cover is tightened, it is dustproof and waterproof.
Always up viewing function	When the camera rotates, The image can be set to way up all the time
Record video with sound	Yes
Operating Temperature	0 °C to 40 °C
Storage Temperature	-20 °C to 50 °C
Charge Port	USB Type C
Built in right angle adaptor	180 degrees
Dimensions(W x D x H mm)	Φ30.8mmX85mm
Weight(Main Body)	62g

7. FAQS

1. Q: How many smart devices can connect to a camera to watch video at the same time?

A:There is no limit on the number of smart devices connected to watch videos, but the more smart devices connected to watch videos at the same time, the slower the video will be. It is recommended not to have more than two smart devices connected to the smartcam to watch videos at the same time.

2. Q: What does it mean that the video is striped?

A: It's because the battery is low. Please charge the camera right away.

3. Q: Does the Smartcam work with other cables rods?

A: Yes, you can use the adapter we provided to match with other cable rods with diameters less than 6.2mm. Just insert the cable rod into the hole of the adapter, tighten the screws on the adapter, and fix the cable rod.

4. Q: I can connect to the WiFi, but it won't show an image in the iOS App?

It shows an error message Error(100)(Connect the device time out!)

A:Go to Settings-> Mobile Data-> Scroll down to find the SmartCam WiFi App and turn off to prevent the App trying to use mobile data.

5.Q: I can connect to the WiFi, but it won't show an image in the Android App? It shows an error message Error(100)(Connect the device time out!)

A: Go to Settings-> Connections-> Data Usage-> Mobile Data only apps-> Scroll down: to find the SmartCam WiFi App. Turn off background data to prevent the App trying to use mobile data.

6.Q: Can the smartcam cameras work underground, underwater or inside metal pipes?

A:No, because in these environments, the smartcam camera's wireless signal is blocked, preventing smart devices from receiving its signal.

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.