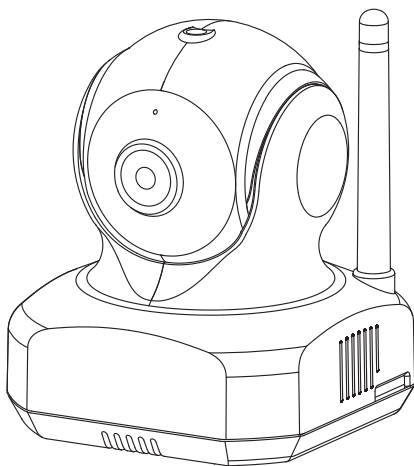


# ***iSmart-CAM***

## ***Smart Home Camera***

**User's Manual**  
**Manuel de l'utilisateur**  
**Manual del Usuario**  
**Bedienungsanleitung**  
**Manuale d'uso**



Available on the  
**App Store**

ANDROID APP ON  
**Google play**

Please read carefully before using this equipment.

ENGLISH

FRANÇAIS

ESPAÑOL

DEUTSCH

ITALIANO

**Watch the things that matter to you anytime and anywhere /**

**Regardez à tout moment et partout les choses qui comptent pour vous /**

**Vigile en todo momento y en cualquier lugar las cosas que le importan /**

**Betrachten Sie jederzeit und überall das, was Ihnen wichtig ist /**

**Guardate sempre e ovunque ciò che vi interessa**



iSmart-CAM



Wi-Fi Router / Routeur Wi-Fi /  
Enrutador Wi-Fi / WLAN-Router /  
Router Wi-Fi

Smartphone, Tablet /  
Smartphone, tablette /  
Teléfono inteligente y tableta /  
Smartphone, Tablet /  
Smartphone, Tablet

iSmart-CAM is a wireless network camera. It can connect with your smartphone or tablet via wireless technology, and monitor everything that matters to you on your smartphone or tablet anywhere and anytime.

iSmart-CAM est une caméra réseau sans fil. Elle peut se connecter à votre smartphone ou tablette par technologie sans fil et surveiller tout ce qui compte pour vous sur votre smartphone ou tablette partout et à tout moment.

iSmart-CAM es una cámara de red inalámbrica. Se puede conectar con su teléfono inteligente o tableta mediante tecnología inalámbrica y supervisar todo aquello que le importa en dichos dispositivos en cualquier momento y lugar.

iSmart-CAM ist eine drahtlose Netzwerkkamera. Über Drahtlostechnologie kann sie eine Verbindung zu Ihrem Smartphone oder Tablet herstellen und per Smartphone oder Tablet jederzeit und überall alles überwachen, was Ihnen wichtig ist.

iSmart-CAM è una videocamera di rete wireless. Può connettersi a smartphone o tablet tramite tecnologia wireless e monitorare sempre e ovunque tutto ciò che vi interessa su smartphone o tablet.

**Before you start you need / Avant de démarrer, il vous faut /**

**Antes de empezar necesita / Bevor Sie loslegen benötigen Sie /**

**Prima di iniziare, è necessario**



iPhone, iPad, Android smartphone  
or Android tablet /

Un iPhone, iPad, smartphone Android  
ou tablette Android /

Teléfono inteligente iPhone, iPad o  
Android, o tableta Android /

iPhone, iPad, Android-Smartphone oder  
Android-Tablet /

iPhone, iPad, smartphone Android o  
tablet Android



iSmart-CAM

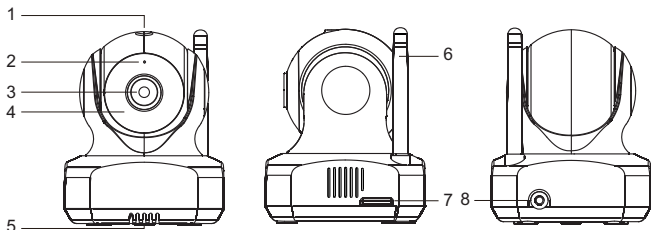


Wi-Fi Router /  
Routeur Wi-Fi /  
Enrutador Wi-Fi /  
WLAN-Router /  
Router Wi-Fi

**Figures and Quick Guide / Figures et Guide d'utilisation rapide /  
Figuras y guía rápida / Abbildungen und Schnellanleitung /  
Figure e Guida rapida**

**Product Layout / Description du produit / Esquema del  
producto / Produktübersicht / Struttura del prodotto**

**Camera / Cámara / Câmera / Kamera / Telecamera**

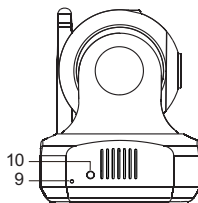


**EN**

- 1.Light sensor
- 2.Microphone
- 3.Camera lens
- 4.Infrared LEDs
- 5.Speaker
- 6.Antenna
- 7.Micro SD Card slot
- 8.Power adapter socket
- 9.Reset button
- 10.Power/Status LED

**FR**

- 1.Capteur de lumière
- 2.Microphone
- 3.Objectif de la caméra
- 4.LED infrarouge
- 5.Haut-parleur
- 6.Antenne
- 7.Emplacement pour  
carte micro SD
- 8.Prise de l'adaptateur  
d'alimentation
- 9.Bouton de réinitialisation
- 10.DEL d'alimentation/d'état



**ES**

- 1.Sensor de luz
- 2.Micrófono
- 3.Objetivo de la cámara
- 4.LED infrarrojos
- 5.Altavoz
- 6.Antena
- 7.Ranura para tarjetas  
Micro-SD
- 8.Toma para el adaptador de  
alimentación
- 9.Botón Restablecer
- 10.LED de alimentación y estado

**DE**

- 1.Lichtsensor
- 2.Mikrofon
- 3.Kameraobjektiv
- 4.Infrarot-LEDs
- 5.Lautsprecher
- 6.Antenne
- 7.MicroSD-Kartensteckplatz
- 8.Netzteilanschluss
- 9.Rücksetztaste
- 10.Betriebsanzeige-  
/Status-LED

**IT**

- 1.Sensore luci
- 2.Microfono
- 3.Obiettivo videocamera
- 4.LED a infrarossi
- 5.Altoparlante
- 6.Antenna
- 7.Slot per scheda micro SD
- 8.Presa per adattatore di  
alimentazione
- 9.Tasto di ripristino
- 10.LED di alimentazione/stato

## Quick Setup / Contenu de la boîte / Contenido del paquete / Lieferumfang / Contenuto della confezione

1



Download "iSmart-CAM" app/  
Télécharger l'application « iSmart-CAM »/  
Descargue la aplicación "iSmart-CAM"/  
„iSmart-CAM“-App herunterladen/  
Download dell'app "iSmart-CAM"

2



Smartphone/Tablet Wi-Fi setting,  
select "iSmart-CAM\_XX : XX : XX..."  
Password is "12345678" /  
Réglages Wi-Fi du smartphone ou de la  
tablette, Sélectionnez  
« iSmart-CAM\_XX : XX : XX... »  
Le mot de passe est « 12345678 » /  
Configuración de Wi-Fi de Teléfono inteligente/  
Tabletaseleccione "iSmart-CAM\_XX : XX : XX..."  
La contraseña es "12345678" /  
Smartphone/Tablet-WLAN-Einstellung,  
wählen Sie „iSmart-CAM\_XX : XX : XX...“  
" Kennwort ist „12345678“ /  
Impostazione Wi-Fi smartphone/tablet,  
Selezionare "iSmart-CAM\_XX : XX : XX..."  
La password è "12345678"

3



Launch the "iSmart-CAM" app /  
Lancez l'application « iSmart-CAM »/  
Inicie la aplicación "iSmart-CAM" /  
„iSmart-CAM“-App ausführen /  
Avvia l'app "iSmart-CAM"

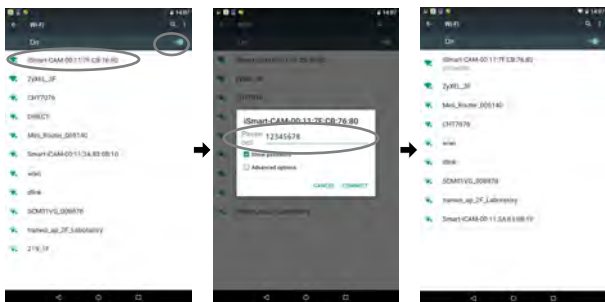
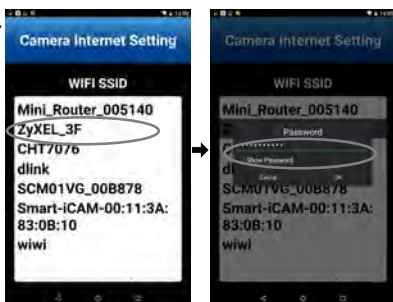
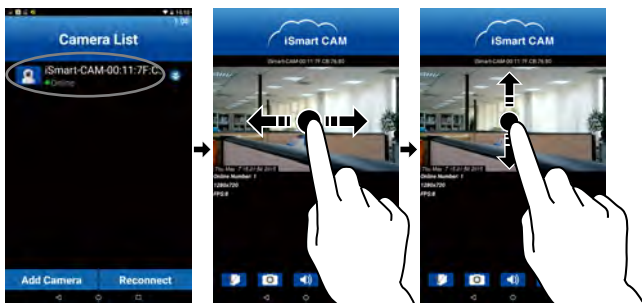
4



Select Wi-Fi router /  
Sélectionner le routeur Wi-Fi /  
Seleccione el enrutador Wi-Fi /  
WLAN-Router wählen /  
Seleziona il router Wi-Fi

## Package Contents / Contenu de la boîte / Contenido del paquete / Lieferumfang / Contenuto della confezione

- One Camera / Une caméra / Una cámara / Eine Kamera / Una videocamera
- One Adapter / Un adaptateur / Un adaptador / Ein Netzteil / Un adattatore
- Two Cable Clips / Deux clips de câble / Dos abrazaderas de cables /  
Zwei Kabelklemmen / Due fermacavi
- This User's Manual / Ce Manuel de l'utilisateur / Este manual del usuario /  
Diese Bedienungsanleitung / Il presente manuale dell'utente
- One Screw and One Wall Anchor / Une vis et un ancrage de mur /  
Un tornillo y un taco para pared / Eine Schraube und ein Dübel /  
Una vite e una grappa

**1****1.2****Fig. 1****1.3****Fig. 2****1.4****Fig. 3****2****2.2****Fig. 4**

2.3

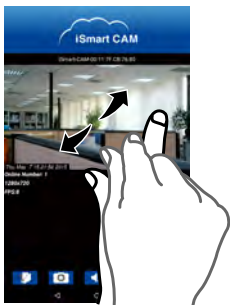


Fig. 5

3

3.1

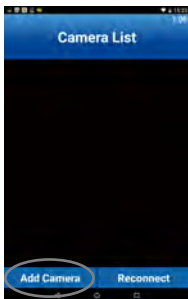


Fig. 6

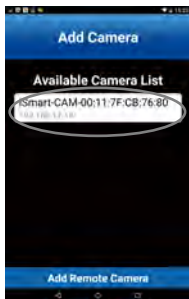
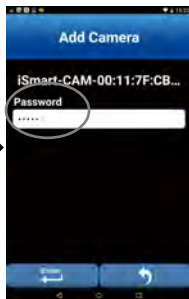


Fig. 7



3.2

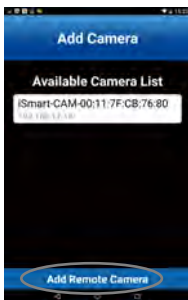
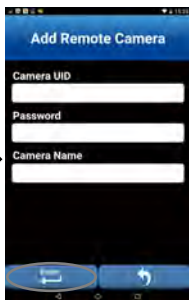


Fig. 8



### 3.4

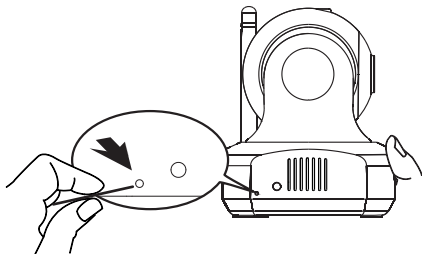


Fig. 9

## 4

### 4.1



Fig. 10

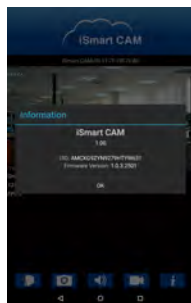


Fig. 11

### 4.2

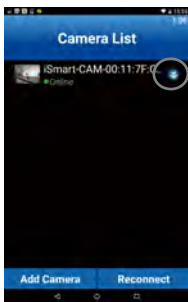
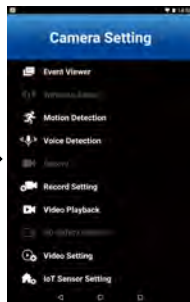
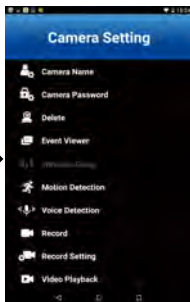


Fig. 12





4.2.1

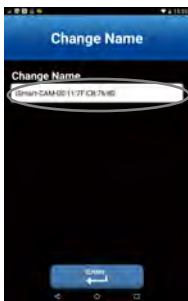


Fig. 13

4.2.2

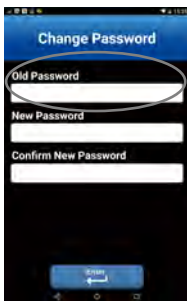


Fig. 14

4.2.6

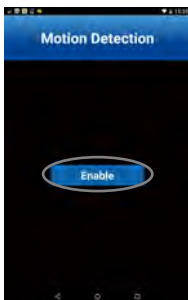
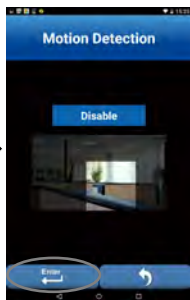
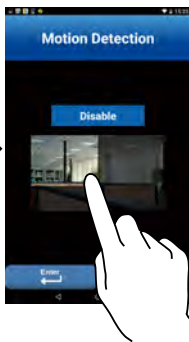


Fig. 15



4.2.7

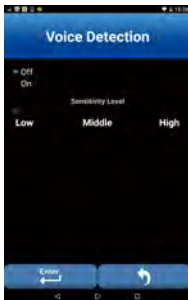
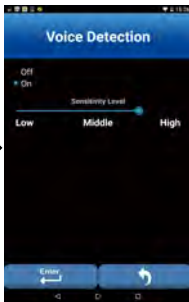


Fig. 16



4.2.12

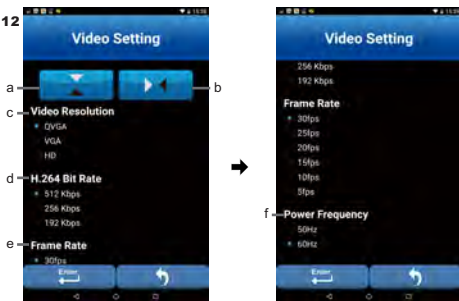


Fig. 17

## 1 Camera Installation

### Connect your smartphone or tablet to the camera

- 1.1** Turn on the Wi-Fi of your smartphone or tablet.
- 1.2** Select “iSmart-CAM\_XX : XX : XX...” under Wi-Fi Networks and enter the password. The default password is “12345678”. See Fig. 1.  
🔔 **Note:** If you cannot find “iSmart-CAM\_XXXXXX” under Wi-Fi Networks and the LED on the camera is not blinking, please follow step 3.4 of this user manual to reset the camera.
- 1.3** Launch the iSmart-CAM app on your smartphone or tablet. The welcome screen will be displayed. See Fig. 2.
- 1.4** Set up an Internet connection  
The camera will scan for available Wi-Fi networks (SSID). Select the name of the Wi-Fi network (SSID) that you wish to connect with the camera and enter the password of your Wi-Fi router if necessary. First-time setup is now complete. See Fig. 3.  
🔔 **Note 1:** Once you complete Internet setup, the LED on the camera will turn green after about 1 minute.
- 2: Wi-Fi SSID is the wireless network name.
  - 3: If the camera cannot find the Wi-Fi network you wish to connect to, please make sure the camera and the Wi-Fi router are within range of each other.
  - 4: If you type in the wrong SSID password the camera will beep two times and then reset to factory default automatically. Please close the App and follow step 1.1 in the user manual to set up the camera again.
  - 5: If you have completed Internet setup but the Power/Status LED is still orange, please check the Wi-Fi router is OK and make sure the camera and Wi-Fi router are within range of each other.
  - 6: Make sure your mobile phone is connected to the Wi-Fi AP/Router you assigned after set up.

## 2 Viewing live video

- 2.1** Select the camera icon in Camera List to view video from the camera.
- 2.2** Touch the image display area of the screen and slide on the screen for pan-tilt function. See Fig. 4.
- 2.3** Touch the image display area of the screen and move fingers apart for digital zoom function. See Fig. 5.

### **3** Add camera to other smartphones or tablets


#### **3.1** Add camera in LAN (Your mobile phone and camera are connected to the same Wi-Fi router.)

1. Download the iSmart-CAM app.
2. Turn on the Wi-Fi of your smartphone or tablet and then tap the screen to select which Wi-Fi router your camera has been connected to.
3. Launch the iSmart-CAM app on your smartphone or tablet.
4. Tap the “**Add Camera**” icon to add a camera. See Fig. 6.
5. Tap the screen to select which camera you wish to add under “**Available Camera List**”. See Fig. 7.
6. Enter password for the camera. The default password is “**admin**”.
7. Tap the camera icon in Camera List to view video from the camera.

🔔 **Note:** If you enter the wrong password, please tap the camera icon again and then retype the correct password.

#### **3.2** Add camera through remote setup (Your mobile and camera are NOT connected to the same Wi-Fi router.)

1. Download the iSmart-CAM app.
2. Please make sure your smartphone or tablet can link to the Internet via a Wi-Fi router or 3G/4G mobile network.
3. Launch the iSmart-CAM app.
4. Tap the “**Add Camera**” icon. See Fig. 6.
5. Tap the “**Add Remote Camera**” icon to enter “**Add Remote Camera**” screen. See Fig. 8.
6. Tap in the UID and password of the camera you want to add.

🔔 **Note 1:** Tap the  **i (information)** icon in live video screen to get UID information. The UID is 20 characters.

**2:** The default password is “**admin**”.

**3:** If you enter the wrong password, please tap the camera icon and then retype the password.

7. Tap the camera icon in Camera List to view video from the camera.

#### **3.3** Add more cameras (Multi-camera)

Follow step 1.1 in the user manual to complete first-time setup for each camera.

🔔 **Note:** Up to 10 cameras can be added.

### 3.4 Reset the camera to factory default (See Fig. 9.)

When the camera has been on for at least 1 minute, press the reset button (using a small object or a pin) for 5 to 10 seconds.

The camera will beep 3 times and take about 1 minute to reset. The LED will start to blink a dark orange color.

**Note 1:** If you do not hear a beeping sound, reset has failed. Please turn the camera back on and press the rest button again.

**2:** If you replace a new Wi-Fi router or if you forget the camera password, the camera needs to be reset to factory default.

Please refer to 3.3 - First time setup in the user manual, to set up the camera again.

## 4 Operation Mode

### 4.1 Viewing Live Video. See Fig. 10.

1. Camera name
2. Date and Time display
3. Online Number/ Resolution/ Frame Rate display
4. Information :

Tap the  icon to get information about the camera. See Fig. 11.

5. Record :

Tap the icon to start record process when SD card is inserted.

6. Audio on/off and Talk back :

Tapping the icon can turn on/off sound or talk back to camera.



: audio on



: talk back



: mute

7. Snapshot :

Tap the icon to save a snapshot of the camera on your smartphone or tablet.

8. Photo folder :

Tap the icon to see all of the photos you have taken.

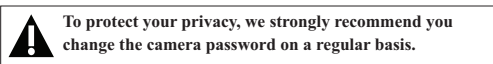
### 4.2 Camera Setting

Tap the  icon to enter camera setting screen. See Fig. 12.

**Note:** For security and management purposes, the “Camera Password” and “SD card Safety Remove” functions cannot be set when your mobile phone and camera are not connected to the same Wi-Fi router.

**4.2.1** Change Name: Change the camera name. See Fig. 13.

**4.2.2** Change Password: Change the camera password. The default camera password is “admin”. See Fig. 14.



**4.2.3** Delete: Delete camera from Camera List.

**4.2.4** Event Viewer: View event logs.

**4.2.5** Wireless Setup: Not applicable for this model.

**4.2.6** Motion Detection (See Fig. 15.):

a. **Enable/Disable** motion detection.

b. A motion detection event can trigger the push message alert function and motion recording function.

💡 **Note:** Motion recording is only possible when a micro SD card is inserted into the camera. To remove memory card, please disable motion detection first.

c. Touch the image display area of the screen and then slide onto the screen to outline the motion detection area.

d. The interval between checks is 1 minute.

**4.2.7** Voice Detection (VOX) (See Fig. 16.):

a. iSmart-CAM supports voice detection and push message alert functions.

When the sound from the camera reaches the setting level, the camera will send an alert message to your smartphone or tablet, and the camera also can play a pre-recorded voice or melody automatically.

b. Tapping the sensitivity level bar can adjust the sensitivity level or disable the VOX function. With the level set to high, the camera microphone will detect sounds that are lower in volume.

c. Tap the **Voice Recorder** icon to start recording a voice or melody that can be played by the camera when VOX is triggered. Tap the **Stop** icon to stop recording. Maximum recording time is **10** seconds. The Voice Recorder is only effective when a micro SD card is inserted into the camera.

d. The interval between VOX checks is 1 minute.

#### 4.2.8 Record:

Tap the icon to enable HD 720p recording, tap it again to disable recording.

🔦 **Note 1:** Recording is only possible when a micro SD card is inserted into the camera.

- 2: The system supports micro SD cards with a maximum capacity of 32GB.
- 3: A 1GB memory card is able to record about 2 hour of VGA video or 1 hour of HD video. New images will overwrite old images when the card is full.
- 4: If motion detection is not activated, the camera will record continuously.
- 5: To playback recorded file
  - Place the micro SD card into an SD card adapter.
  - Connect the card adapter to a computer.
  - Use a media player such as VLC to playback the recorded file.



**Do not remove the memory card while recording is still in progress, otherwise the recording will be damaged.**

#### 4.2.9 Record Setting:

Select the resolution of recording files as VGA (640x360) or HD (1280x720)

#### 4.2.10 Video Playback:

Playback the recording files on smartphone or tablet directly.


#### 4.2.11 SD Card Safety Remove:

Tap this icon before you remove SD card out. Make sure you stop motion or continuous recording first.

#### 4.2.12 Video Setting (See Fig. 17.):

- a. Flip: Tap the **Flip** icon to flip the video when mounting the camera on the ceiling.
- b. Mirror: **Mirror** or invert the image.
- c. Video Resolution: the number of distinct pixels in each dimension that can be displayed, i.e.  
HD (1280X720) /VGA(640X360) /QVGA(320X180).
- d. Bit rate: the number of bits conveyed per second in telecommunications.  
The higher the rate the greater the bandwidth consumption.

- e. **Frame Rate:** The frequency at which camera produces unique called frames. The higher the frame rate, the smoother the video will appear, but that requires more processing power and system bandwidth. Frame rate varies according to network conditions, mobile phone performance, image resolution and object situation.
- f. **Power Frequency:** The frequency of your power supply. You can set as 50Hz or 60Hz.

 **Note 1:** To view a camera remotely from outside your home or office network, the camera needs to be configured to QVGA resolution to allow better access.



**If you select HD or VGA resolution, video streaming quality may be affected because of insufficient network bandwidth.**

**4.2.13** IoT Sensor Setting: Setting of IoT sensors, please refer to each sensor setting guide for more detail.



## Troubleshooting

### Users cannot connect the camera to a smartphone/tablet through Wi-Fi router or 3G/4G mobile network

- Make sure the power plug is pushed all the way in.
- Make sure the camera is turned on and power/status LED is green.
- Make sure the camera and the Wi-Fi router are within range of each other.
- Make sure the smartphone/tablet is connected to the Internet through a Wi-Fi or 3G/4G mobile network.

### Video streaming is slow or lag

- If there is a microwave oven in use near the camera or Wi-Fi router, remove the oven or turn it off.
- Make sure the camera and the Wi-Fi router are within range of each other.
- The speed of video feed from the camera largely depends on the speed of the connection you are using.
- Internet speed, either from your Wi-Fi network or 3G/4G mobile network, has a high impact on the performance of the product. The faster and more stable the connection speed, the faster you can view video from the camera.
- Lower the video resolution, bit rate and frame rate.
- There are three main types of broadband Internet connection; ADSL, cable and fiber optic. If you use an ADSL connection, please set video resolution at QVGA.
- To view the camera remotely from outside home or office networks, it needs to be configured to QVGA resolution to allow better access.

## Care and Maintenance

- Keep all parts out of reach of children.
- Fingerprints or dirt on the lens surface can adversely affect camera performance. Avoid touching the lens surface with your fingers.
- Should the lens become dirty, use a blower to blow off dirt and dust, or a soft, dry cloth to wipe the lens clean.
- Keep the camera dry. Precipitation, humidity and other liquids containing minerals will corrode electronic circuits.
- Do not use or store in dusty or dirty areas.
- Do not store in hot areas. High temperatures can shorten the life of electronic devices and warp or melt certain plastics.
- Do not store in very cold areas. When the system warms up (to its normal temperature), moisture can form inside the case, which may damage electronic circuit boards.
- Do not attempt to open the case. Non-expert handling of the device may damage the system.
- Avoid dropping or strong shocks.
- Operate this product using only the power supply included or provided as an accessory.
- Do not overload electrical outlets or extension cords as this can result in fire or electric shock.

## **FCC Statement**

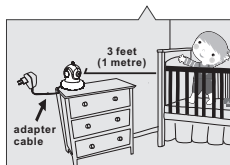
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **Caution**

- To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.
- This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

## Following the safety tips

- To prevent deaths and injuries associated with camera cords, make sure the camera and AC adapter cords are always out of reach of the baby by least 3 feet (1 meter).  
💡 **Note:** This is important even if your baby is not yet standing or mobile.



- Never use extension cords with AC adapters. Only use the AC adapters provided.

## Specifications

Camera	
Frequency	2.4 GHz
Antenna	Dipole antenna
Modulation	DBPSK, DQPSK, CCK and OFDM
Image Sensor	Color CMOS
Lens	f 4.1mm, F 2.8
IR LED	8 pcs
Video compression	H.264
Audio	Two-way audio talk (half-duplex)
Recording	Support Micro SDHC Card, class 6 or above, up to 32GB
Pan & Tilt	H: 270 deg, V:120 deg
Dimensions	8.5(W) x 10.6(H) x 8.5(D) cm
Weight	229g
Power	DC 5.9V, 1.97A
Operating temperature	0°C ~ 40°C (32°F ~ 104°F)



*Specifications are subject to change without prior notice.* This device is for indoor use only

- \* iPhone, iPad are trademarks of Apple Inc., registered in the U.S. and other countries.
- \* Google Play is a trademark of Google Inc.

This item is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

