


Wi-Fi
Connected


Smartphone
App Controlled


Push Notification,
Text Messages & Email
(by **Boitek**)


Motion Trigger
Alert


A True DIY
Camera


720P
HD Video
Recording


LIVE
Live View
24 x 7


Pan & Tilt
Function


Infrared
Night Vision


Record to
Micro SD Card*

A product from



www.redshieldsecurity.com

Made in China



*Support Micro SD Card up to 32GB (not included)

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ZUMI • Camera Monitoring

Remote Access, Motion Detection,
Smart Alert



User Manual

Model No. IPC-135

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Part A: Introduction

1. Package Contents



• Zumi Camera



• Wall mounting unit



• Antenna x 2



• Power adaptor

Silver plated connector: "RF" Antenna
Gold plated connector: "WiFi" Antenna
Remarks: Please insert the appropriate antenna according to its connector color.

• Screw pack

• User manual

• Quick start guide

2. Product Introduction

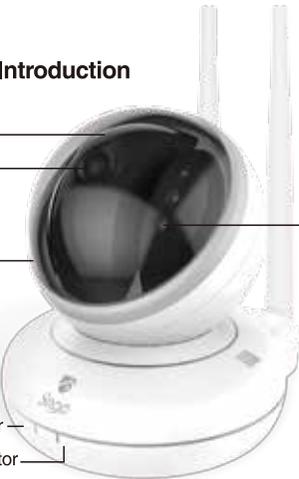
Light sensor

Lens

Lens cover

Power indicator

Network indicator



Infrared

RF antenna

Wifi antenna

Reset

Micro SD
Card Slot

DC input



Mounting bracket Slot

Wall mounting hole



Part B: Start Guide

3. Set Up Preparation

3.1 Connecting to your home network

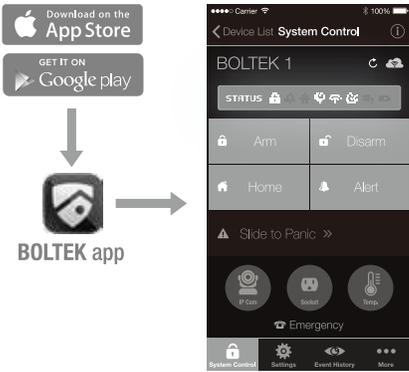
- Connect the electrical outlet, power adaptor, Zumi & network router as shown. Power ON Zumi and it will automatically rotate camera lens for initialization.

Compatible with 2.4GHz router ONLY

Please do not connect with the cable modem router or any other 5.8GHz router. If the router is in dual brand, please connect to the 2.4GHz.



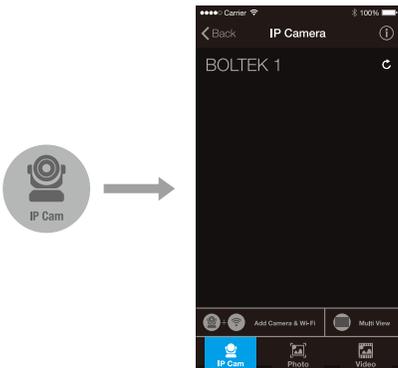
3.2 Login the "BOLTEK" app



Login "BOLTEK" (App for WS135 Home Protection System) to the System Control page.

- You will need to get a WS135 Home Protection System Kit (Does not come with this device. Please contact the local distributor to purchase the full security kit).
- Install BOLTEK app from App Store or Android Google Play to your smartphone. It works with iPhone, iPad, iPad mini, and iPod touch running iOS 7.0 or above and Android devices running Android 4.0 or above.

3.3 Camera Page Setting



Go into the "System Control" page after the account login and press the "IP Cam" logo, you will see the screen on the left.

4. Getting Started

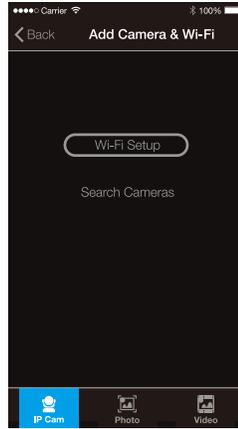
4.1 Connect to the hardware

- Please make sure the home WiFi network is available and then power on the Zumi camera.

4.2 Add new device from the "BOLTEK" app

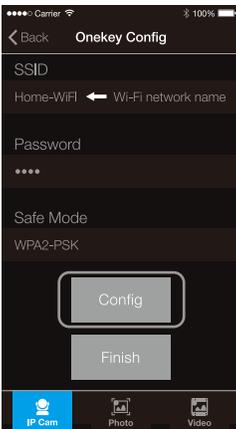


- Tap on the icon of "Add Camera & Wi-Fi" at the left bottom (Fig3.3)



- Choose " WiFi Setup".

WiFi Setup



A. Choose your Wi-Fi network name and input the password, then tap 'Config' to proceed.

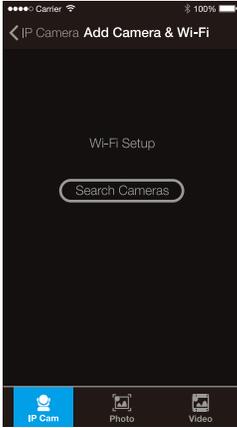
B. Please pay attention to network indicator light. It will change from "flashing" status to the "continuous on", which indicates that Zumi camera has been successfully connected with your chosen Wi-Fi.

C. Once the led is solid, tap Confirm and then press the Finish button. It will go back to Add Camera & Wi-Fi page.

IMPORTANT: Please do not click to the previous page or the "Search Cameras" page until the "network indicator light" is solid. Or you need to do the Step A to B again.

Search Camera

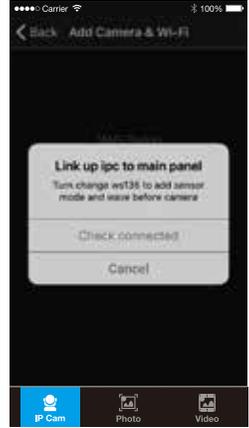
After the Wifi setup is done, please go to press "Search Cameras" icon.



Choose 'Search Camera'



Choose your device's ID code from the pop-up message and input the default password "23570104" to confirm



Now follow the pop-up message to link up Zumi to your BOLTEK smart panel

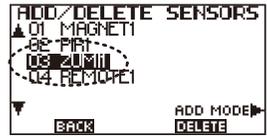
4.3 Link up to the Smart Panel



Go to the Add Sensor mode of the BOLTEK smart panel – "Settings" > "Add / Delete Sensor" > "Add Mode". Refer to BOLTEK Manual for detailed information.



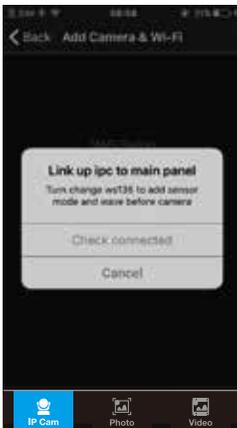
Trigger Zumi camera by Motion like hand shaking in front of the camera lens. The smart panel will make a tone to indicate successful enrollment. Press "DONE".



Enrollment is completed.

The Zumi camera is added to the panel control. You can go back to main panel page.

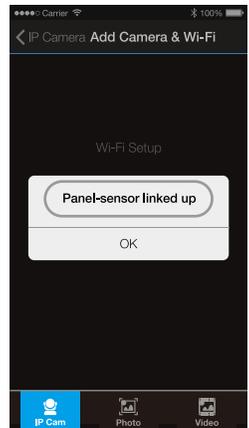
4.4 Successfully added a device to the app



Now you can tap 'Check connected' to check the connection status.



It takes some time for the panel connecting the Zumi camera.



Once the panel is linked up with the camera, it will pop up the above message and press "OK" to complete.

5. Locating Zumi after Getting Started

5.1 Determine the location

First, determine the location and monitor Zone of Zumi Camera, which should be placed:

- Indoor and accessible to the electronic socket.
- Not far away from the BOLTEK panel. For better performance, the distance between the Zumi camera and smart panel is suggested within 10 meters. If it is beyond 10 meters, users need to do a distance test to make sure the effective operation.
- In the most vulnerable rooms or near key points.
- Where better RF performance can be achieved.
- Away from direct sunlight.
- Away from extreme temperature sources (radiators, air conditioners etc.).
- Away from extremely humid & dusty environment.
- and large metal objects that could interfere with wireless performance

*Connecting to your home network should not be affected.

5.2 Suggested camera positions:



Placed on bookshelf, cabinet etc.



Mounted on the wall



Mounted on the ceiling

5.3 Wall / ceiling mounted:



◀ Fig. 5.3 a

Mount Zumi using the screws provided:

- Select the ideal camera location and mark the dimension for hole drilling.
- Drill the holes and insert the wall plugs.
- Match the back plate of Zumi against the screws and hang it up.

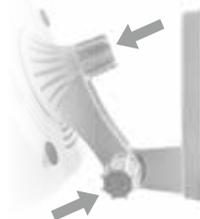
Fig. 5.3 b ▶



A wall mounting unit can be used for wall / ceiling mounting if you do not want to hang the camera directly:

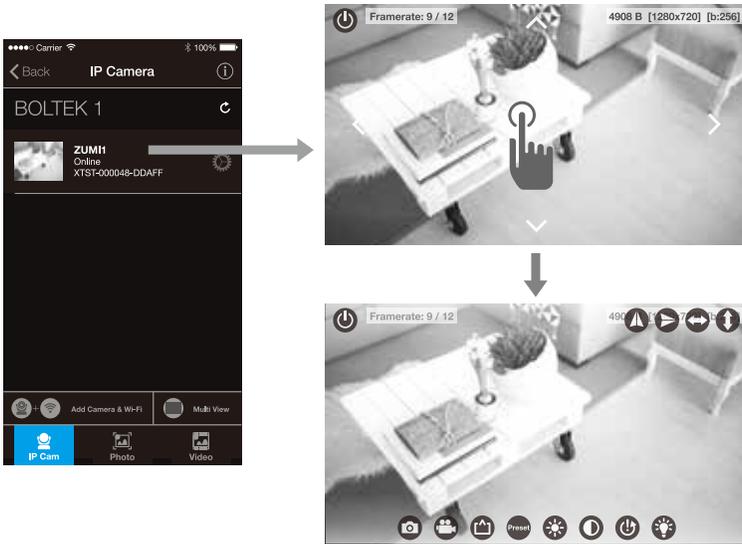
- Hold the fixed part (with two drilling holes) of the mounting unit against the wall at the selected location and mark the points for drilling (Fig. 5.3 b).
- Drill the holes and insert wall plugs to the fixed wall mounting unit.
- Match mounting bracket hole at the bottom of Zumi to the wall mounting unit, and screw it in.
- Aim Zumi at the area it is supposed to monitor by adjusting the mounting bracket's rotating screws (Fig. 5.3 c).

Fig. 5.3 c ▶



Part C: Camera Monitoring Using the "BOLTEK" App

6. Live View and Setting



Tap on the device (device has to be online) to see a live view of your home. Scroll up / down / left / right on the screen to adjust the angle of Zumi so you can view every corner.

Tap on the live view screen to see more setting options:



6.1 Camera Angle Setting

- Tap on to quit and go back to the device list.
- Tap on or if Zumi is mounted on the wall or ceiling, so as to adjust the angle to a normal view.
- Using the and buttons, you can swivel the camera angle from left to right or up and down for a full cycle instead of scrolling the screen.

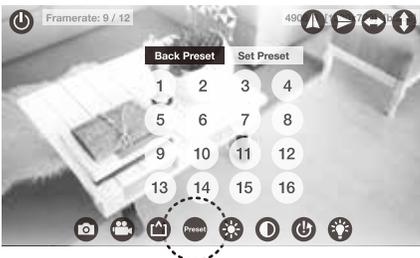
6.2 Photo Capture and Video Recording

• Capture a screen shot or record a video by clicking on or



6.3 View Mode Selection

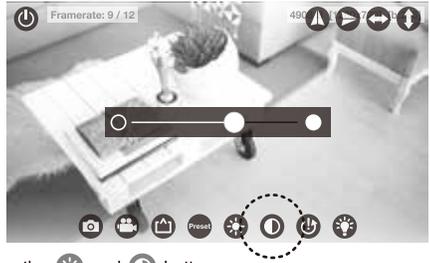
- Tap to choose your View Mode according to your network environment:
Preferred Speed: QVGA Resolution
Optimization: VGA Resolution
Preferred Quality: 720P Resolution



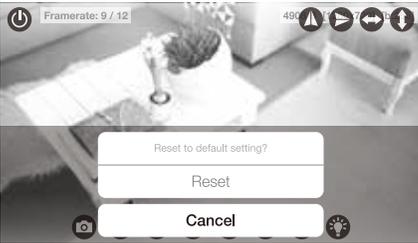
6.4 Set the Protection Zone

- Select to set preset key zones. Adjust the live view to your desired angle and area and set it by selecting a zone number. You can set up to 16 zones.

6.5 Set the Brightness and Contrast Of Screen



- The Brightness and Contrast of the screen is adjustable using the ☀️ and 🌑 buttons.



- Brightness and Contrast settings of live view can be reset by pressing 🔄



6.6 Set for the Night Vision Mode

- Tap Infrared Lamp switch 🌑 to do a night vision setting so as Zumi can monitor all days and nights.
- ON:** Infrared Lamp on and Can see clearly even at nights when there's little to no light, but day view will turn to a black and white version.
- OFF:** Infrared Lamp off.
- Auto Cut:** Infrared Lamp will light up according to the light sensor at the top of lens.

7. Camera setting

Click on the ⚙️ button to access Zumi set-up details.



Figure 7 (a)



Figure 7 (b)

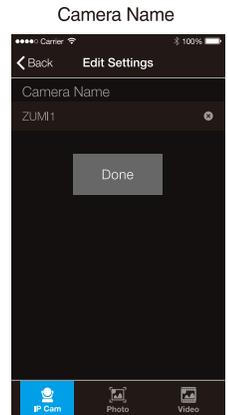


Figure 7 (c)

Customization on the Zumi Camera Setting

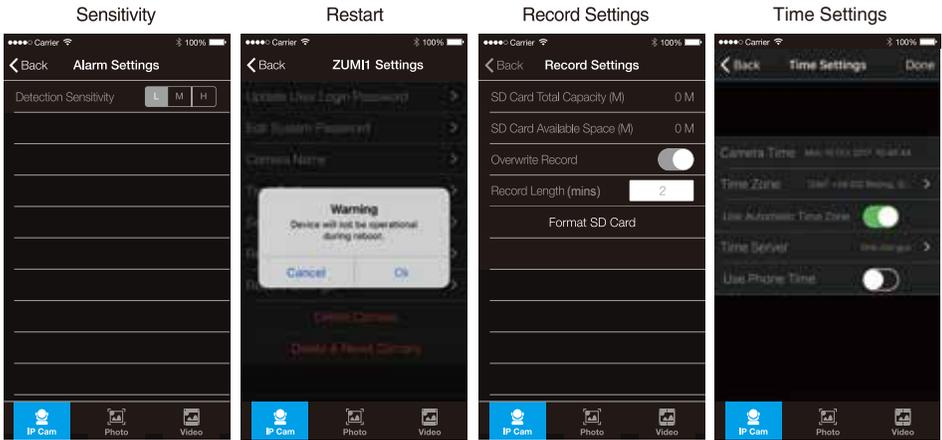


Figure 7 (d)

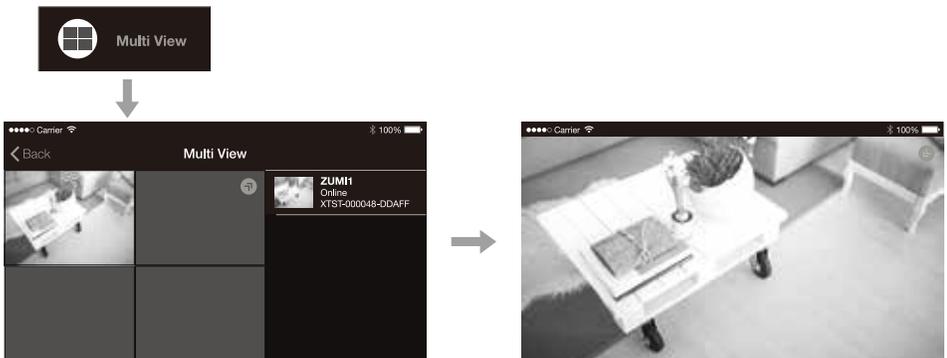
Figure 7 (e)

Figure 7 (f)

Figure 7 (g)

- **Delete Camera: (with 2 methods described as below)**
 - (a) Go to the main camera page. Swipe the selected camera to the left and you will see the red "Delete" button. Click on the "Delete" button to confirm the process. Please refer to the Figure 7 (a).
 - (b) Or you can click on the camera setting page and you see the red "delete camera" icon. Click on the "Delete camera" button to confirm. Please refer to the Figure 7 (b).
- **Camera Name:** Customize the camera name here. Please refer to the Figure 7 (c).
- **Sensitivity:** Adjust the sensitivity of the built-in motion detection. Please refer to the Figure 7 (d).
- **Restart:** Select "OK" from the Pop-up dialogue box to restart Zumi. Please refer to the Figure 7 (e). It takes several minutes to restart the camera and it will be self-rotating for configuration.
- **Record Settings:** Change record settings. Please refer to the Figure 7 (f).
 - Check the memory status of the Micro SD Card. You can delete files, overwrite and format the Micro SD card in this setting page.
 - Customize the length of the recording from 1 to 5 minutes, default setting is 2 minutes.
- **Time Settings:** You can select "Use Automatic Time Zone", "use the phone time" or set the camera time. Please press done on the top right hand corner to save for the setting. Please refer to the Figure 7 (g).

8. Multi view function



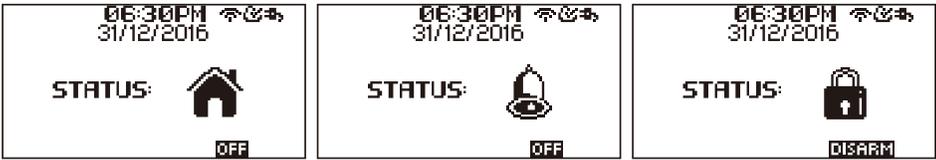
The "Multi View" windows enables you to view more than one camera concurrently if you have multiple Zumi units.

• Select up to 3 devices to view. Tap on any screen to expand to a full-screen view.

• Tap on  to quit Multi View and back to IP Cam page.

Part D: Working with the Smart Panel / Remote

11. Arm / Disarm the Smart Panel



After Zumi has been added to the panel, it can be used in all the 3 modes: ARM, ALERT, HOME.

You can arm or disarm the system in 3 ways: from the Smart Panel, the remote control, or the mobile app. The remote control works within a range of about 100m (unblocked) from the panel. The mobile app will work as long as your smartphone is connected to the internet and the WiFi network your panel is connected to is working.

12. Zumi triggered in Arm, Alert and Home Mode



- In ARM Mode, there will be alarm siren once the sensors triggered after the entry/exit delay time. Meanwhile ZUMI will start to take a two minutes video automatically. You can check this from SD card inside camera or choose to take a live view from the App.



- In ALERT Mode, the panel will emit a ding dong sound when triggered.



- The HOME Mode allows you all the enrolled sensors including Zumi to be in either one of three states: Off, Alert or Arm.

13. Other Sensors Triggered Under ARM mode



- If any sensor is triggered under ARM status (including ARM Mode and HOME Mode), Zumi also automatically starts recording a two minutes video. You can check this from SD card inside camera or choose to take a live view from the App.

Part E: Maintenance and Tips

14. Maintenance of equipment

- The product can be cleaned with a soft dry cloth. Do not use abrasive, solvent based or aerosol cleaners as this may damage and / or discolor the product.
- Do not allow water to enter or attempt to clean the inside of the unit. If the camera is affected with damp, please use a soft dry cloth as soon as possible.
- Do not touch the camera lens with your fingers.
- Protect the camera from oil, water, steam, moisture and dust.
- Do not aim the camera lens at the sun.
- Do not attempt to disassemble or repair cameras. If there are any technical problems, please consult the local distributor.

15. Reset

There could be a few cases you will need to reset the WiFi network connection or set the camera back to the factory default. Use a stick-like object such as clip, toothpick etc. to push the reset button at the back of Zumi.



• WiFi reset

Press and hold for about 5 seconds, network indicator in the front will start to flash and current WiFi connecting is now removed.

• Factory reset

Press and hold for about 20 seconds. The power indicator light will start to flash for about 10 seconds and Zumi will proceed with the factory default setting procedure. Then the power indicator light will be in “Continuous On” status which means the factory reset is done and complete.

Part F: Product Specification

Model Number / Product Name	IPC-135 / Zumi Camera
Compatible devices	iPhone, iPad, iPad mini, and iPod touch and Android devices
Operating system	iOS 7.0 or above / Android 4.0 or above
Camera	
Lens	120° (Wide-Angle)
Resolution	720P / VGA / QVGA
Image enhancement	Brightness/ Contrast/ Night Vision/ Reset to Default setting

Features	
Smart Alarm	Motion detection and then siren through the WS135 Boltek main smart panel
Triggered	With alarm triggered, it will record video with the pre-set time to the Micro SD card & with push notification.
Video Record	Either by alarm triggered or manually record the video through the APP
RF (Radio Frequency)	433.92 Mhz
Reset Button	Yes
Data Storage	Alarm triggered recorded to the Micro SD card (not included, maximum support to 32G)
General	
Working Environment	Temp: 0°C ~ 40°C, Humidity: 45% ~ 85%
Electricity Supply	5V / 2A AC adaptor

Part G: Trouble Shooting and Customer Service

16. FAQ

Q: Can I mount the camera up side down? How do I check the monitored screen?

A: Yes. If the monitored scene is upside down or left to right, click the mirror button on the top right corner of the Live View to adjust the orientation.

Q: Why can't I connect Zumi Camera to the App?

A: First, make sure the hardware has been connected correctly and that Zumi has not been connected to any network.

The process of adding Zumi to the App includes two steps:

- ① Connect a network (if using WiFi) to the device.
- ② Link Zumi to the Smart Panel (From the add sensor mode).

Follow the instructions from the app and trigger the device to add a new sensor.

Q: How to check the network status?

A: There is a network connection status light (on the right side) in the front of the hardware. If network is disconnected, the network light will keep flashing. After Zumi has been reconnected, the network light flashing will stop.

Q: How to reset my Zumi?

A: There is a reset button at the back. Use a stick-like something such as clip, toothpick etc. to push it. Push and hold for 5 seconds to erase the network setting, the network light will start flashing. Push and hold for 20 seconds to set the camera back to factory default, and Zumi will start an initialization.

Q: Can I still use the same equipment if I move and change a WiFi network?

A: The Red Shield SNAP-Console System is completely portable. When you move, you can remove your security accessories and re-install them in your new property. If you change your WiFi network, reset the panel and all the accessories back to factory default and then reinstall everything as per the new unit installation instructions.

Q: Why can't I check the video recording from the video page once I receive an app push after the alarm triggered?

A: When the camera or any sensor is triggered, Zumi will record a 2-minute video which will be saved in the SD Card. This video only can be checked after the recording is finished. You can check on the live view only first.

Q: Why does Zumi go off-line and the App always prompt me to remove the device?

A: Depending on your home WiFi signal status and hardware location, Zumi could lose the network connection but will automatically try to reconnect. You can ignore the delete device notice and tap on the fresh button at the IP Cam page.

Q: How many cameras can I add to the Boltek system?

A: You can add three cameras(the maximum)to the system.

17. Customer Contact Details

If you have any comments or enquiries please contact us at:

Red Shield Security Ltd.

21/F Fun Tower, 35 Hung To Road
Kwun Tong, Kowloon, Hong Kong

Website: www.redshieldsecurity.com

Email: customer@redshieldsecurity.com

NOTE:

- Even the most advanced security systems cannot guarantee 100% protection against burglary or environmental problems. All alarm systems are subject to possible compromise or failure-to-warn for a variety of reasons.
- Inadequate maintenance is the most common cause of alarm failure; test your system at least once per week to ensure the sensors and sirens are working properly.
- There are some limitations due to the transmission power and range The receivers may be blocked by radio signals operating near the same frequencies.



Red Shield



Snoo
SENSOR SERIES

ZMI • Camera Monitoring

Remote access, motion detection,
smart alert



HOME MONITOR & CONTROL
ON SMARTPHONE OR TABLET



Model No. IPC-135



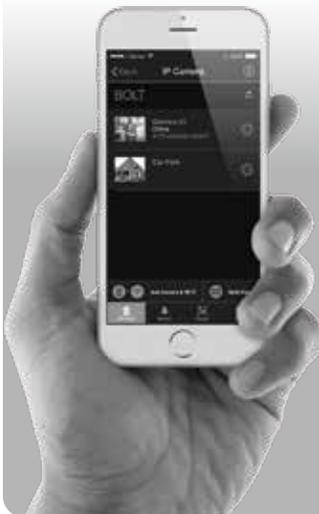
Control and Monitor
with free 'BOLTEK' App!



Download on the
App Store



GET IT ON
Google play



FEATURE:

- A member of **Red Shield** × **Snoo** Sensor Series
- Makes home surveillance simple and easy with **BOLTEK** mobile app
- With our unique smartphone app, you can remotely monitor and control your camera from anywhere in the world
- Features motion detection, night vision, smart alert
- Real time alert via e-mail, app push notification (under alarm triggered) by the "BOLTEK" app and also records on the Micro SD card*
- Professional 720P HD quality video
- Ideal for surveillance purpose & monitoring the pets, elderly, kids & baby sitters
- Flexible installation either on the desks, walls or ceilings with pan & tilt function
- Easy installation with full instructions & installation kit
- Powered by DC adaptor (included)

*Support Micro SD Card up to 32GB (not included)