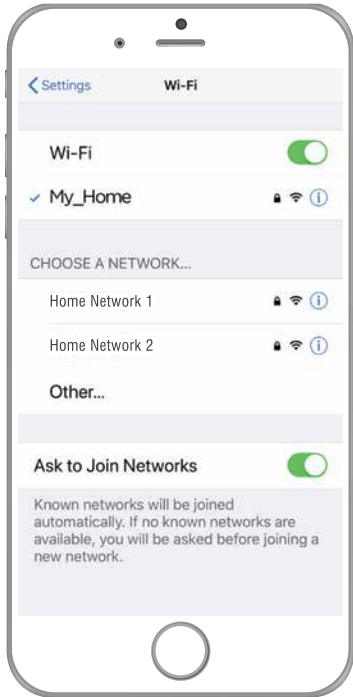# CONNECT TO YOUR HOME WIFI AND PAIR WITH YOUR DIY SMART HANDY WIFI CAMERA – 20715/05.

BEFORE YOU BEGIN PLEASE DOWNLOAD AND REGISTER THE BRILLIANTSMART APP.

For help or assistance go to www.brilliantsmart.com.au

> **Your smart Handy camera allows you to keep an eye on the family to ensure they are safe and to help deter intruders from entering your home – also view remotely.**
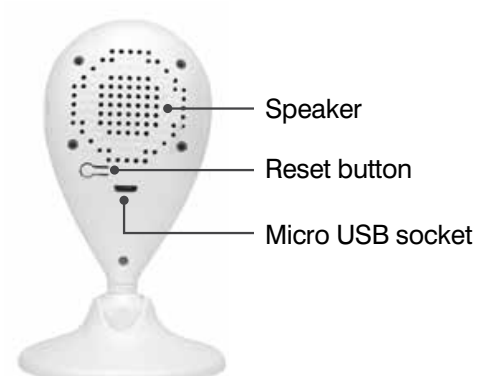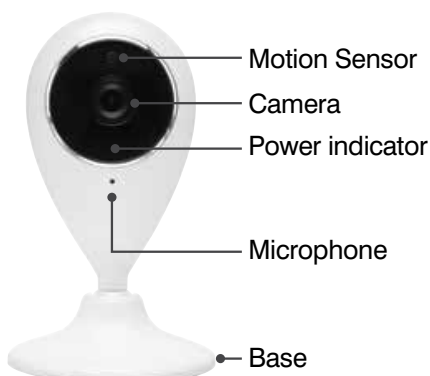
Enable your WiFi network on you mobile device making sure to select 2.4GHz frequency network if your home network supports dual band frequencies. i.e. 2.4GHz or 5GHz.

It's important that you connect to 2.4GHz Frequency. Please disable or unselect the 5GHz Frequency in home WiFi network if able. This can be reselected or enabled once the smart devices have been paired to the BrilliantSmart app.

Note: if you are not familiar with this procedure you may need to contact your internet service provider for some assistance.

Before installation of your BrilliantSmart device (in the location you desire) please check the WiFi signal is at least 2 bars strength on your mobile device WiFi icon.

If a poor WiFi signal, upgrading your router, installing an AP(Access Point) or adding a WiFi Extender may be needed (sold separately). If installing more than 15 smart devices to your WiFi Network, we do not recommend using WiFi extenders – these will be recognised from your Network as a separate Smart device and will limit your connectivity.

Motion Sensor
Camera
Power indicator
Microphone
Base

MicroSD slot
(MicroSD card
not included)

Speaker
Reset button
Micro USB socket

INSTALLATION

1. Unpack camera from box and check all components are included in the box – smart camera, power adaptor and micro USB cable (microSD memory card not included).

2. Connect the power adaptor to the micro USB adaptor cable, then insert the USB adaptor cable into the back of camera into the micro USB socket.

3. Ensure you position your camera on a stable, flat surface close to a power socket so you can supply power to the camera. Plug into a standard 3-pin power socket, but do not turn on power.

4. Indoor use only.

5. Please dispose of this packaging material thoughtfully. Also, please dispose of this product thoughtfully once it has passed its useful life. When your smart device comes to the end of its life or you choose to update or upgrade it, please do not dispose of it with your normal household waste. Please recycle where facilities exist. When disposing of this fitting, check with your local authority for suitable options.

INSTALLATION OF MICRO SD CARD

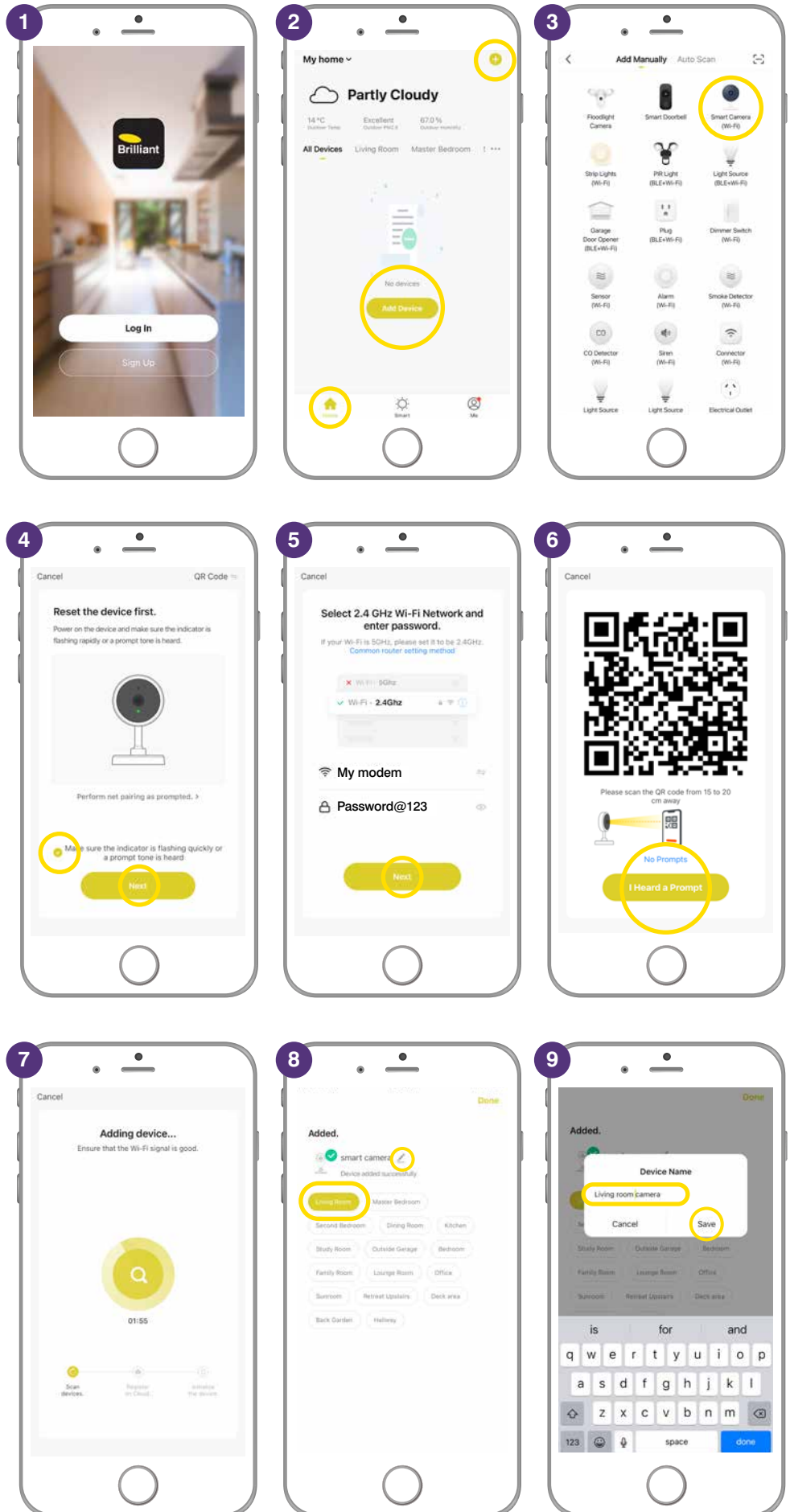Slide the 32GB Micro SD memory card into the slot on the side of the camera.

TECHNICAL SPECIFICATIONS

| MODEL NO: 20715/05			
Dimensions	119 x 70 x 30mm	Cable length	1.5m
Memory/storage	Micro SD card up to 32GB max – Class 10 minimum (not included)	Adaptor	220V–240V AC 50Hz Output: 5V DC, 1A–2A (not included)
Video	HD 720P Streaming	Audio	High quality two-way audio
Image Sensor	1 Mega Pixels CMOS Sensor	Image Frame Rate	25fps for 1280x720
Built-in Night Vision	8 IR LED lights	Motion Detection	Advanced motion detection
Works with 2.4GHz WiFi frequency only		Security: Mac Encryption; WEP/WAPI/TKIP/AES	
WiFi Standard: 2.4GHz IEEE802.11b/g/n		System Req's: iOS 8.0 or higher, Android 4.1 or higher	
Included in the box: Smart Handy Camera, AC Adaptor, Micro USB Adaptor Cable, Installation Manual x 1			

BRILLIANTSMART APP – HANDY WiFi camera – START UP

On power-on of the Handy camera, after approx 15 seconds, the camera will prompt with voice message **'Camera Start'** then red light blinks rapidly. It is ready for pairing to the BrilliantSmart App. .

1. Open the BrilliantSmart App that you've previously registered and setup.

2. Press the home screen. If you are connecting a smart device for the first time – press '**Add Device**' or if you are adding another smart device – press the plus sign '**+**'.

3. Next select the type of device you wish to add. If you're connecting a Smart camera device, tap '**Smart Camera**'.
   Icons may differ depending on your phone, tablet or operating system.

4. If you have heard a prompt tone or a message, or the lights are blinking rapidly then tap on the '**tick**' for '**make sure the indicator is flashing quickly or a prompt tone is heard**'.
   Then press '**Next**'.

5. Select your 2.4GHz network on your home modem and enter your password. *Note: for first time users you may need to search for your 2.4GHz network and add your password.* Once your device is paired, the BrilliantSmart app will save this information so you don't need to re-enter each time a device is added. **This is private and confidential with no access from third parties.**

6. Scan the QR code with the smart camera. Ensure the QR code is facing the smart camera lens approx 20cm apart – hold until the smart camera chimes or prompts with a voice message. Select '**I Heard a Prompt**'.

7. The BrilliantSmart app will start connection to your smart device.

8. Once connected you'll get a **'tick'** and voice prompt **'camera online'** to show your device has successfully connected. Select the room your device is to be located. Select the pen icon to change the name of your smart device.

9. Type in the new device name and press '**Save**'.

10. The smart device can now be controlled by the BrilliantSmart app.

11. Select your **Smart camera** to select or change settings.
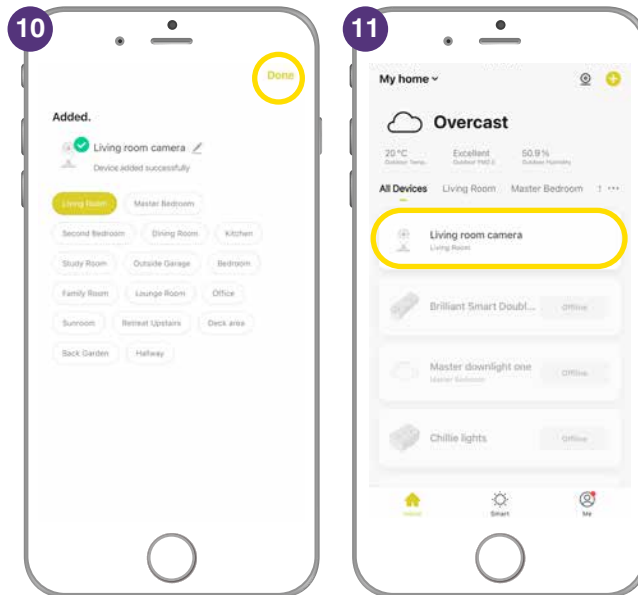

RESET DEVICE

RESET DEVICE – If the device fails to go into pairing mode after the initial start up. Press and hold the reset switch for 5 seconds. Device will flash red light and beep then voice prompt **'restart factory settings'** after approx 10 seconds there'll be another voice prompt **'camera start please config network'** and the red light on front of camera should be blinking and be ready to connect to the BrilliantSmart App. Go to step 1 of Start up settings on page 3.

FULL FACTORY RESET

If the smart device is non responsive in the app, the device may need to be reset to factory settings.

1. Open BrilliantSmart App. Select the smart device that you want to do a full factory reset and hold/press on device Icon.

2. Shows **1 Selected** and a **tick** against the selected device.

3. Select **'Remove Device'**.

4. Press '**Confirm'**.
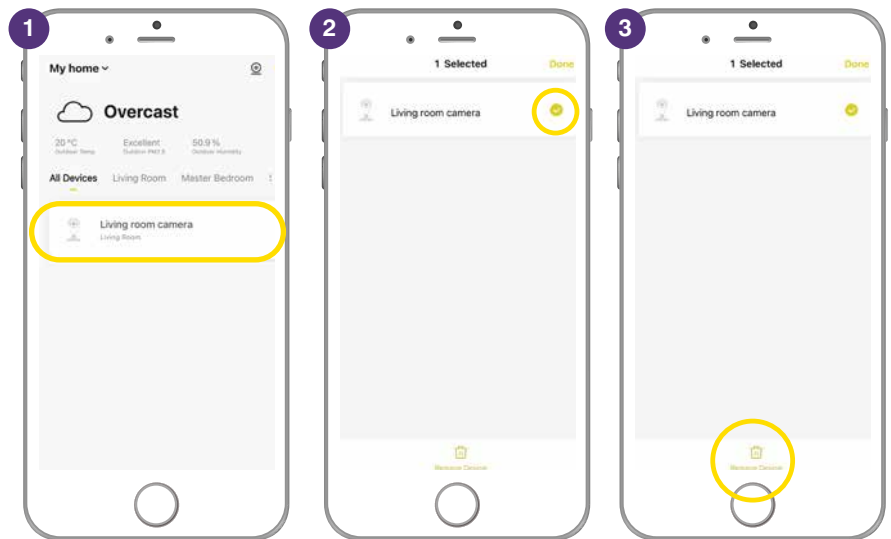
**Camera prompts
– 'Restart Factory Settings'**

**Device is now deleted from the BrilliantSmart app and Cloud.
Follow WiFi START UP on page 3 to reconnect device to BrilliantSmart app.**
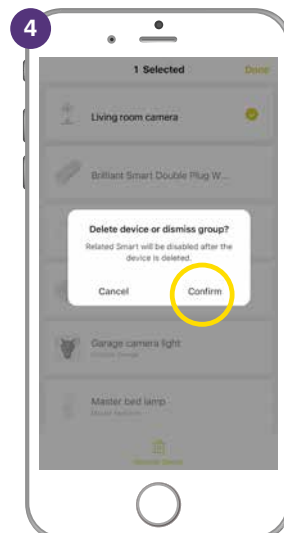
1. Select the camera that you've renamed.

2. **Sound/Speaker**
   – 🔇 press to turn sound ON
   – 🔊 press to turn OFF.

3. **HD** or **SD** – press to change from HD (high definition) or SD (standard definition) photo quality.

4. **Full screen** – press to have your image the full screen width & height.

5. Tap on the screen and the **arrow** appears – press to return to previous screen.

6. Select the **'pen icon'** to for more settings.

7. Select '**Basic Function Settings**'.

8. **Flip Screen** – flips the camera image 180°.

9. **Time Watermark** – puts the date and time stamp on the screen image.

10. **Talk Mode**
    – **One-Way Communication** – allows you to talk through the camera speaker.

11. **Talk Mode**
    – **Two-Way Communication** – allows you to talk and person can talk back through the camera speaker.

Press the arrow to return to previous screen.
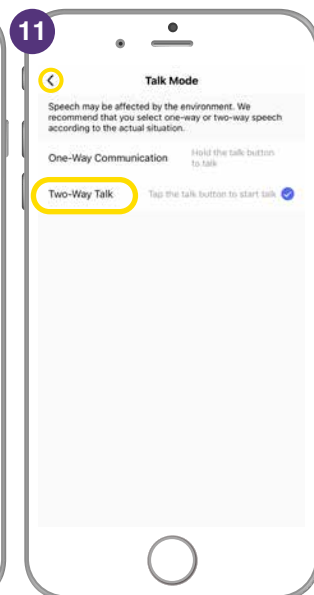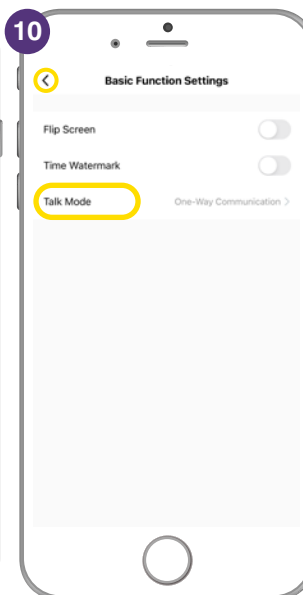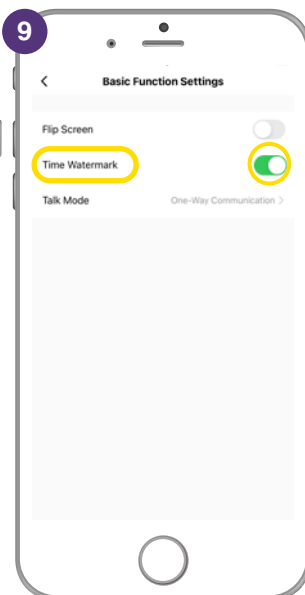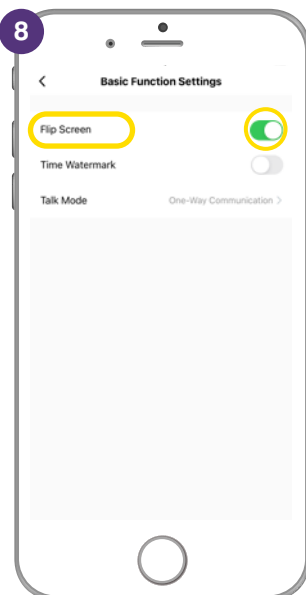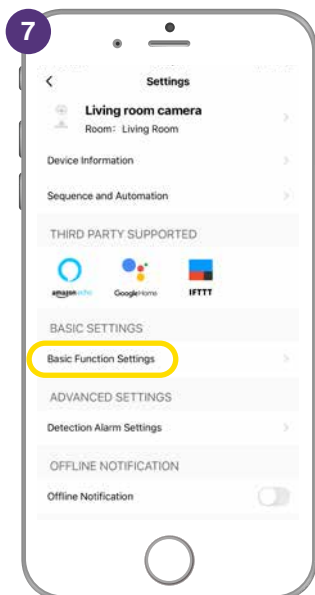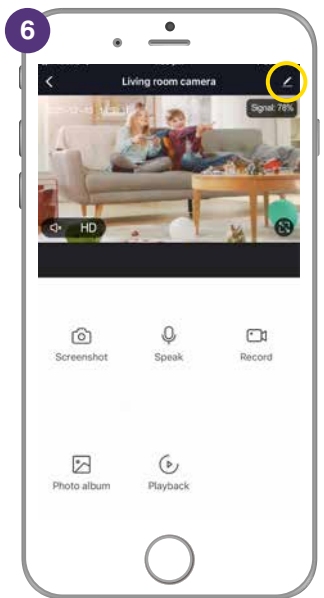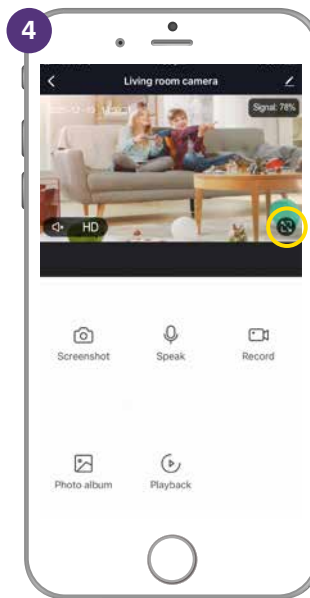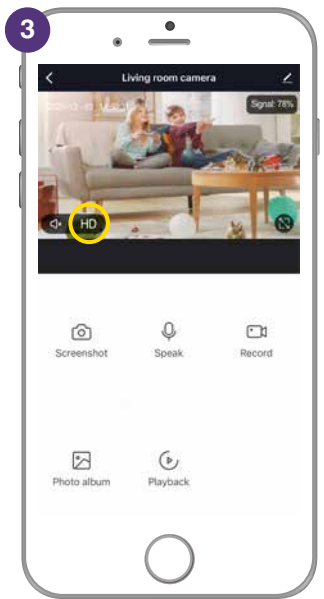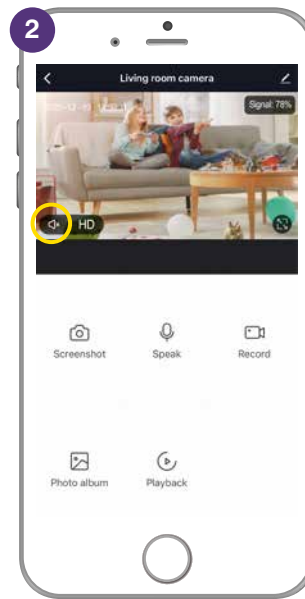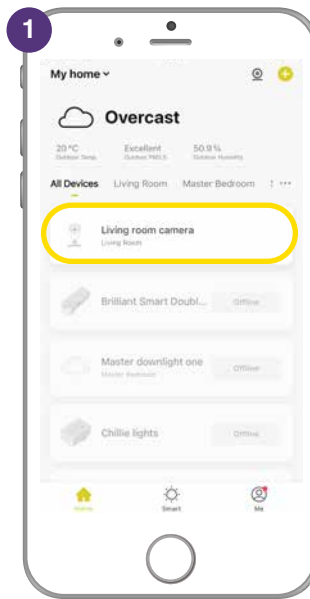
BRILLIANTSMART APP – FEATURES/FUNCTIONS

1. **Screenshot** – on the BrilliantSmart App, select to take a HD 1080 screenshot. If it's night the infrared night vision filter enhances the image.

2. The App saves the screenshot to your phone photo gallery.

3. **Speak** – select if you want to talk to your family or scare intruders – gives you one-way or two-way conversation.

4. **Record** – select to take a video of the family, intruders or more.

5. The App saves the video to your phone photo album.

6. **Photo album** – takes you directly to the where the camera has saved your screen shots and videos.

7. Select the image to enlarge, play video or to delete as per normal photo albums. Press the arrow to return to previous screen or

8. **Playback** – only works if you have a SD memory card installed. Camera automatically records to the SD memory card if movement is detected.
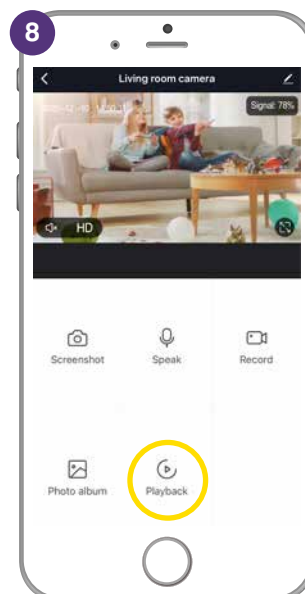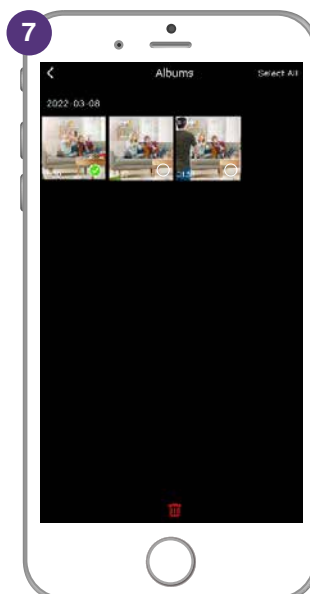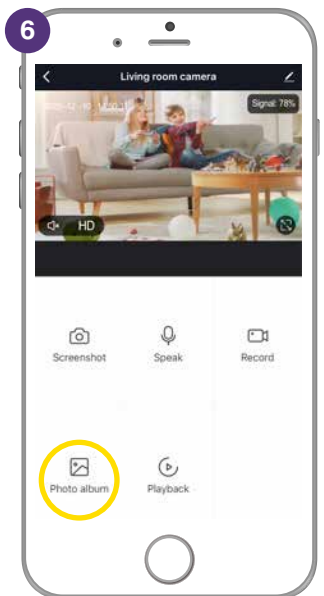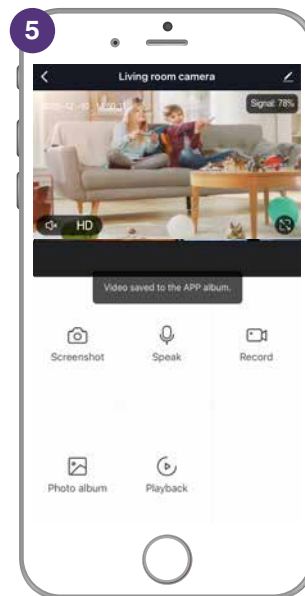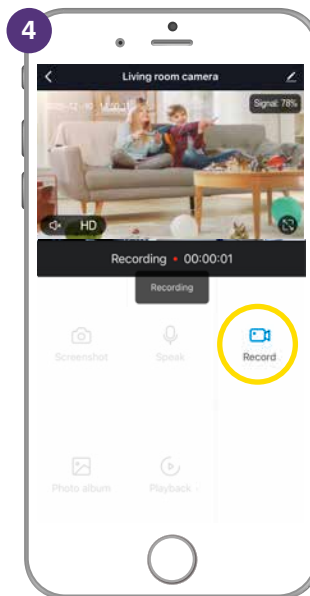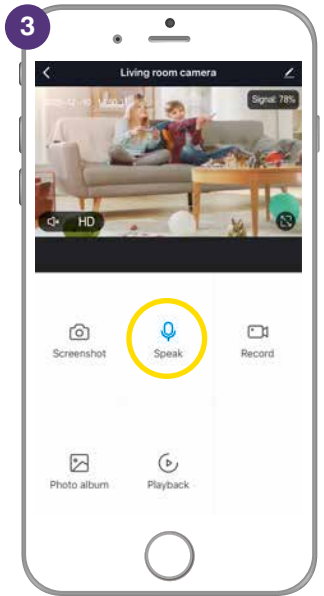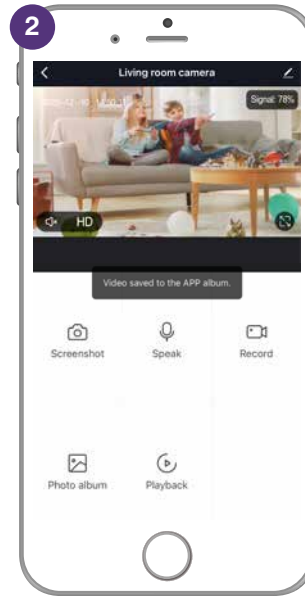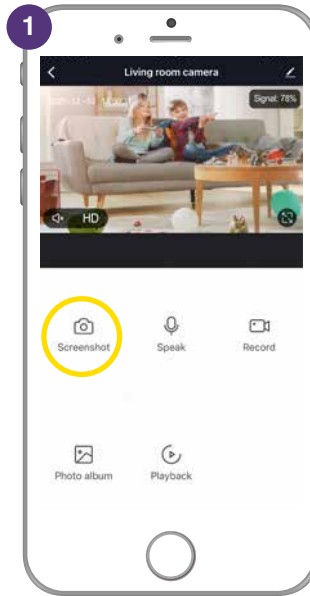
TROUBLESHOOTING

Problem: LED indicator light not on or device not powering up.	
Possible Cause	**Suggested Solution**
A. Fuse or circuit breaker has blown.	**A.** Check main and branch circuit breakers.
B. Loose wire connections to the unit.	**B.** Check all wire connections to the unit are secure & firmly attached and/or plugs are firmly into the power socket.

Problem: Indicator light is flashing or device is offline.	
Possible Cause	**Suggested Solution**
A. Device lost internet connection and unable to go back online.	**A.** Restart device.

Problem: Unable to pair the device with the BrilliantSmart app.	
Possible Cause	**Suggested Solution**
A. Device not in pairing mode.	**A.** Press and hold reset switch for 10 seconds until device LED. indicator turns red and starts blinking. (Supplied reset pin may need to be used for models with internal reset switch).
B. No Internet access.	**B.** Ensure WiFi network is working and able to access internet connection. Refresh the WiFi modem by switching the power OFF then ON. If problem still persists, please contact your internet service provider.
C. Dual WiFi network modem.	**C.** Ensure your mobile device are connected to 2.4GHz network before start the pair process. Disable 5GHz temporarily until pairing is completed.
D. Modem is too far away from the unit.	**D.** May need to use WiFi extender or AP for strong WiFi signal in range.
E. BrilliantSmart App requires update.	**E.** Check & install latest smart app update from the App store.
F. BrilliantSmart App not responding.	**F.** Remove/delete the app from the mobile device then re-install the smart app.
G. WiFi bandwidth not enough. Too many devices connected to the WiFi modem.	**G.** Standard modem usually allows connection of up to 10–15 devices. If too many devices are connected, we advise to upgrade the modem or use a WiFi MESH gateway/device.

Problem: Device in the BriliantSmart app shown Offline.	
Possible Cause	**Suggested Solution**
A. No Internet access.	**A.** Ensure WiFi network is working and able to access internet connection.
B. Requires refresh to the BrilliantSmart app.	**B.** At home screen, pull down the screen to refresh the app. Or close the app and start again in your mobile device.
C. Smart device power turns on less than 1 minute.	**C.** When smart device power on it will take up to 1 to 2 minutes to connect to the cloud server. Wait at least 1 to 2 minutes and refresh the home screen.

For any other problems connecting your smart device to BrilliantSmart app please visit: **www.brilliantsmart.com.au/faqs**