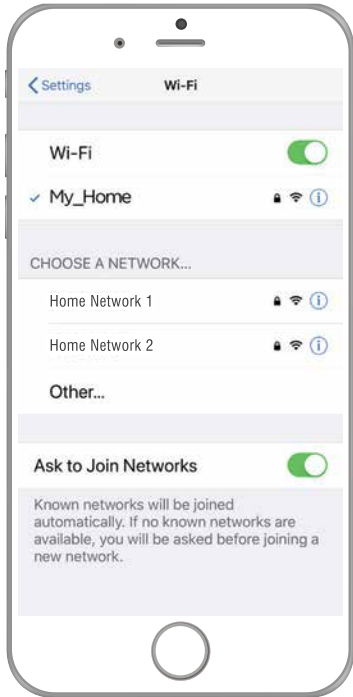


CONNECT TO YOUR HOME WIFI AND PAIR WITH YOUR DIY SMART SPIN WIFI CAMERA – 21881/05.



BEFORE YOU BEGIN PLEASE DOWNLOAD AND REGISTER THE BRILLIANTSMART APP.

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




Monitor your home from anywhere, anytime. The smart Spin camera allows you to move the lens up and down and swivel to see all areas of the room.

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.



INSTALLATION

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

BRACKET MOUNTED

STEP 1

Drill 2 x holes into ceiling or mounting surface with correct size drill bit.

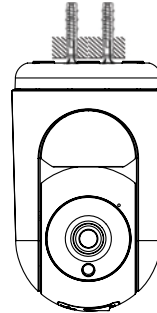
Insert 2 x Rawl plugs (supplied) and insert 2 x screws (supplied) into Rawl plugs leaving 3mm of screw head exposed..



STEP 2

Line up mounting slots on base of camera with screw heads. Slot camera over screw heads and slide device backwards locking into place.

If loose, remove device and shorten screw heads slightly to obtain correct stability of camera.



STEP 3

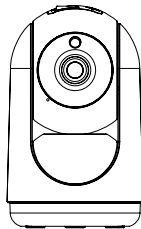
Connect USB cable into device and adaptor. Plug adaptor into power outlet. Continue with WiFi setup.



SURFACE MOUNTED

STEP 1

Place device on any safe and stable surface. It will need to be close to a power socket for power.



STEP 2

Connect USB cable into device and adaptor. Plug adaptor into power outlet. Continue with WiFi setup.



INSTALLATION OF MICRO SD CARD

Ensure the camera is turned off. Gently roll the lens head up to reveal the memory card slot, then slide the 128GB (or smaller) Micro SD memory card into the slot. The camera lens will adjust itself automatically once it's turned on and paired.



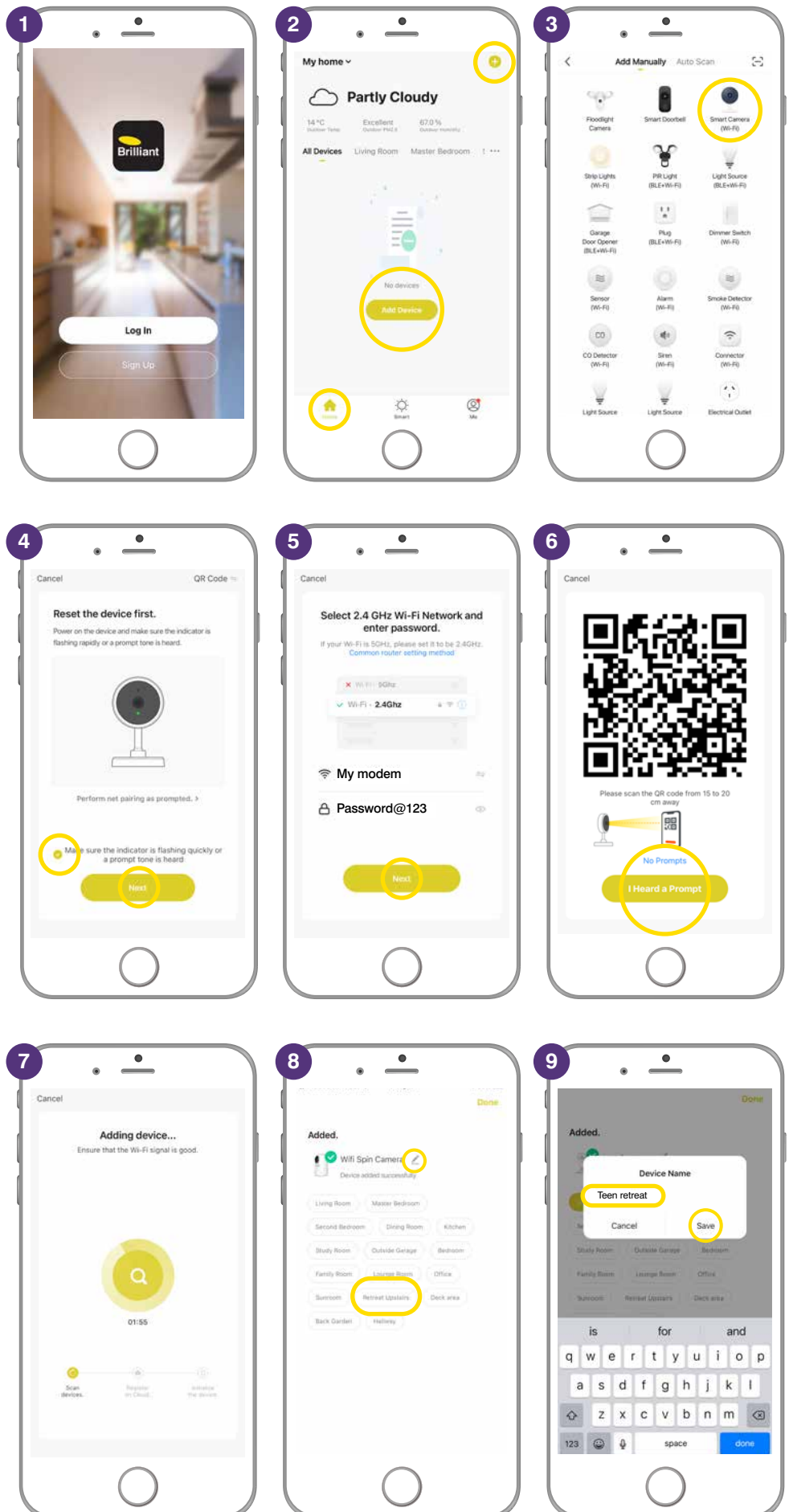
TECHNICAL SPECIFICATIONS

MODEL NO: 21881/05			
Dimensions	115 x 72mm	Cable length	0.95m
Lens	HD 720P 2.0 Megapixel camera	Day vision	Up to 12m distance max
		Night vision	Up to 5m distance max
Direction	Pan 355° Tilt 45°	Night vision lens	6 x IR LEDs
Memory/storage	Micro SD card up to 128GB max – Class 10 minimum (not included)	Adaptor	220V–240V AC 50Hz Output: 5V DC, 1A–2A (not included)
Sound Detection	Sends notification to phone	Motion Detection	Sends notification to phone
Audio	High quality two-way audio	Weather resistant rating	IP20 – indoor use only (do not use in wet areas)
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 Spin Camera, AC Adaptor, Micro USB Adaptor Cable, 2 Rawl Plugs, 2 Screws, Installation Manual x 1			

BRILLIANTSMART APP – SPIN WiFi camera – START UP

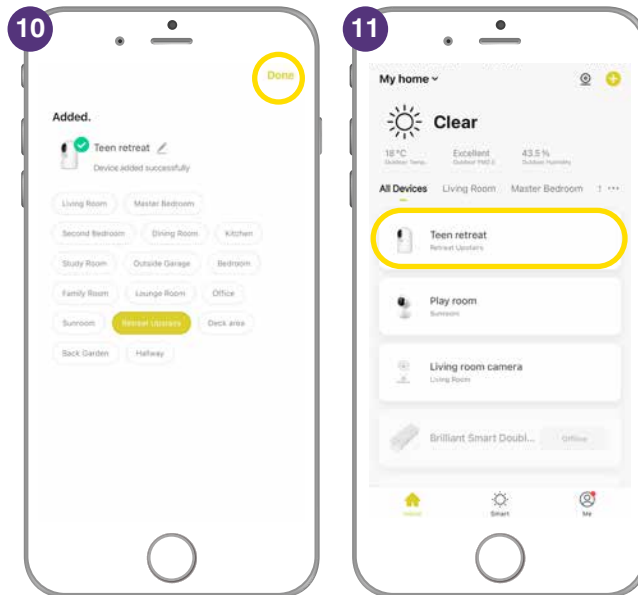
On power-on, after approx 12 seconds, the Swift camera prompts 'camera start' rotates and prompts 'please config network'. It is ready to pair with the BrilliantSmart App.

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 '+'.
Icons may differ depending on your phone, tablet or operating system.
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. Tap on the 'tick' for 'make sure the indicator is flashing quickly or a prompt tone/voice is heard' – even though there's no lights blinking it should connect. 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'.



BRILLIANTSMART APP – SPIN WiFi camera – START UP (continued)

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

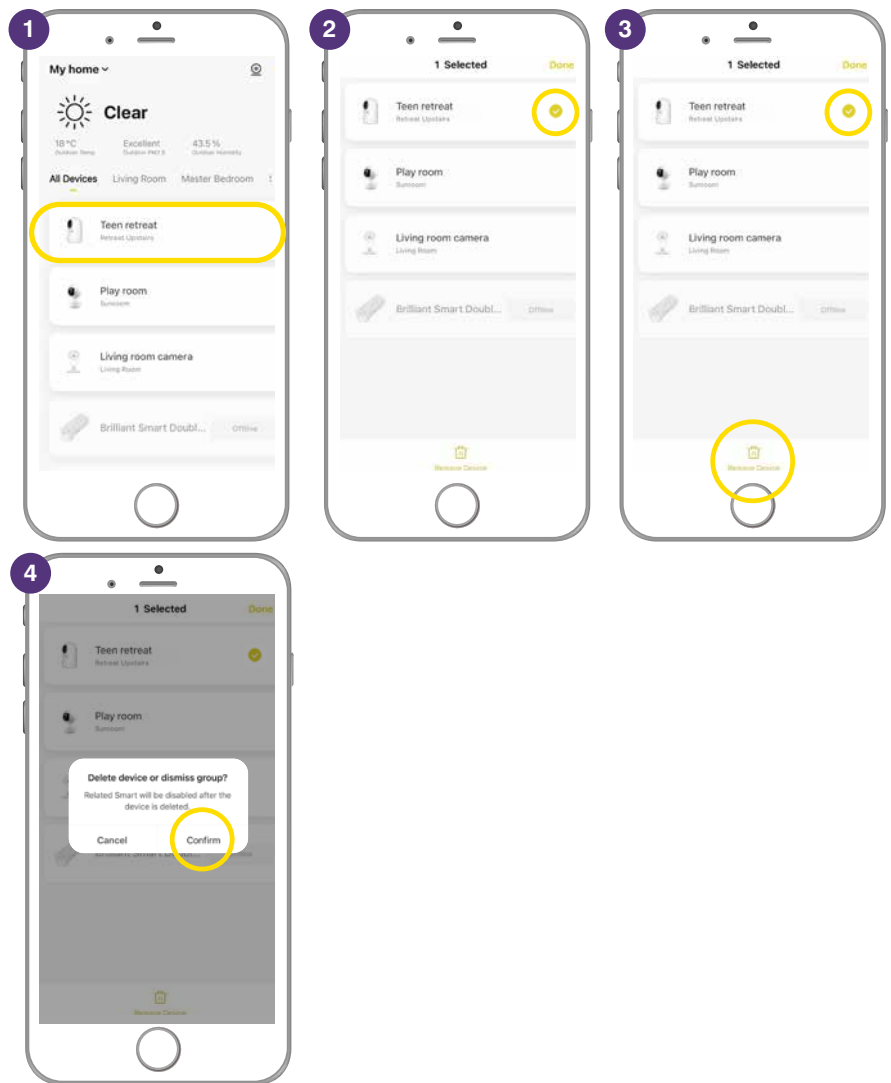
Using the metal pin, insert into the RESET hole next to the MicroSD slot. Device will beep and prompts 'restart factory settings' after approx 10 seconds there'll be another voice prompt 'camera start please config network' and ready to connect to the BrilliantSmart App. Go to step 1 of Start up settings on page 3.

If connected to the App and you reset the smart device with the pin, devices goes offline – follow 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.



- Open BrilliantSmart App. Select the smart device that you want to do a full factory reset and hold/press on device icon.
- Shows **1 Selected** and a **tick** against the selected device.
- Select '**Remove Device**'.
- Press '**Confirm**'.

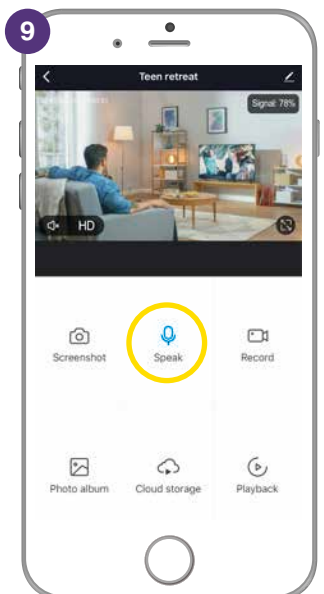
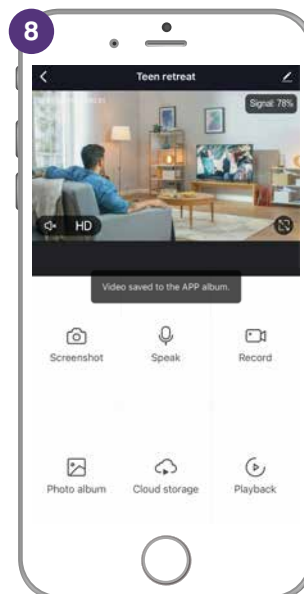
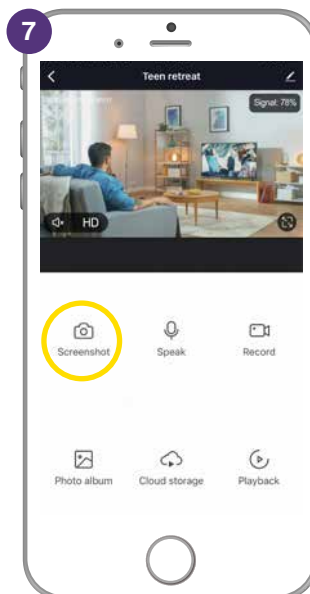
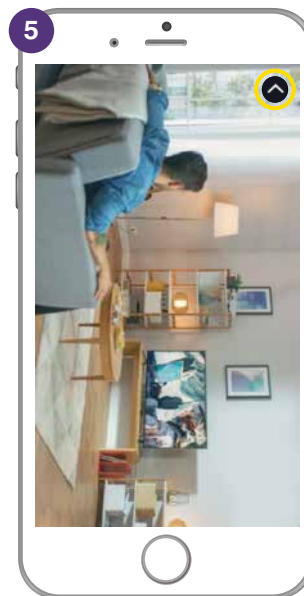
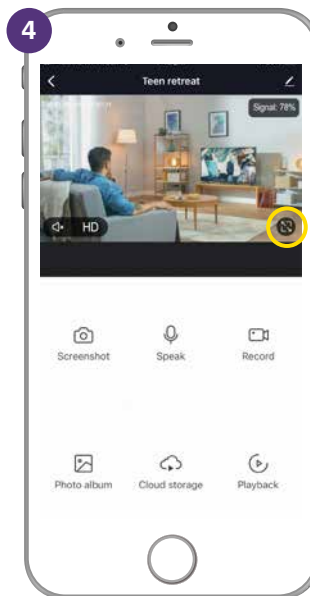
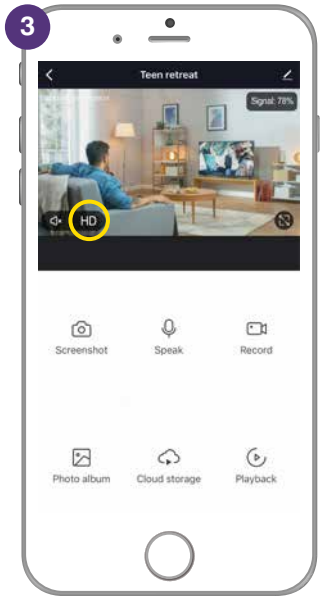
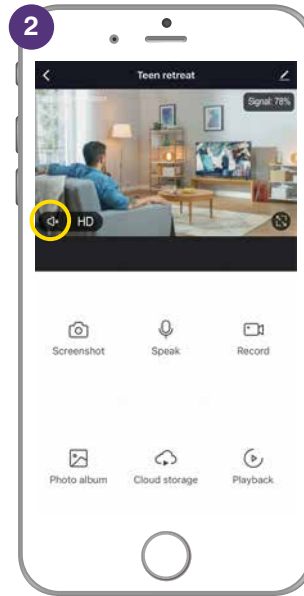
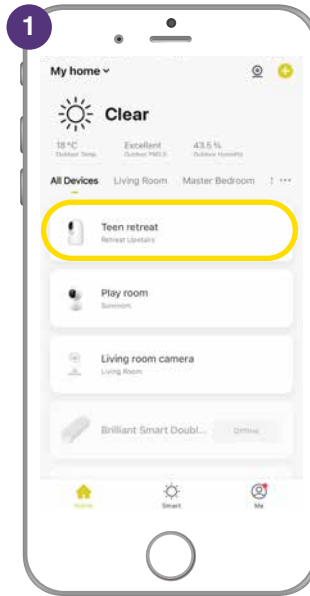


Camera prompts
– 'Restart Factory Settings'

Device is now deleted from the BrilliantSmart app and Cloud.
Follow WiFi START UP on page 3 to reconnect device to BrilliantSmart app.

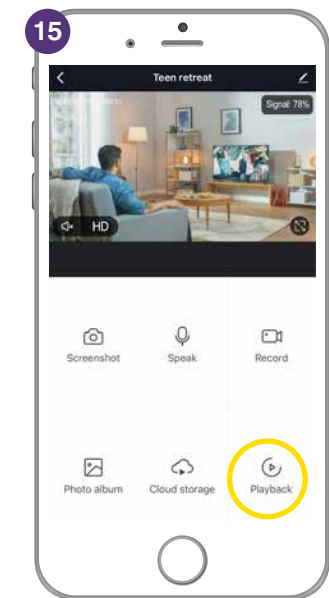
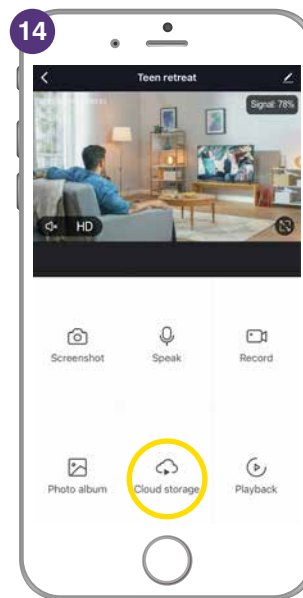
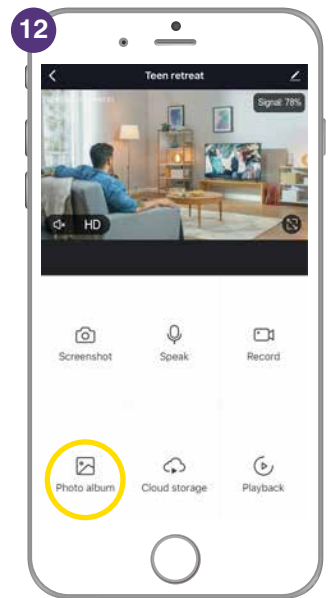
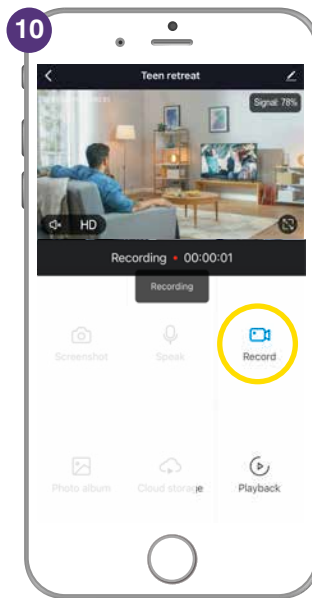
BRILLIANTSMART APP – SETTINGS

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. Strength of your WiFi signal from modem to camera.
7. **Screenshot** – on the BrilliantSmart App, select to take a HD 1080 screenshot. If it's night the infrared night vision filter enhances the image.
8. The App saves the screenshot to your phone photo gallery.
9. **Speak** – select if you want to talk to your family or scare intruders – gives you one-way or two-way conversation.



BRILLIANTSMART APP – SETTINGS (continued)

10. **Record** – select to take a video of the family, intruders or more.
11. The App saves the video to your phone photo album.
12. **Photo album** – takes you directly to the where the camera has saved your screen shots and videos.
13. Select the image to enlarge, play video or to delete as per normal photo albums. Press the arrow to return to previous screen or
14. **Cloud Storage** – not included with the App.
15. **Playback** – only works if you have a SD memory card installed.



PAN & TILT THE CAMERA

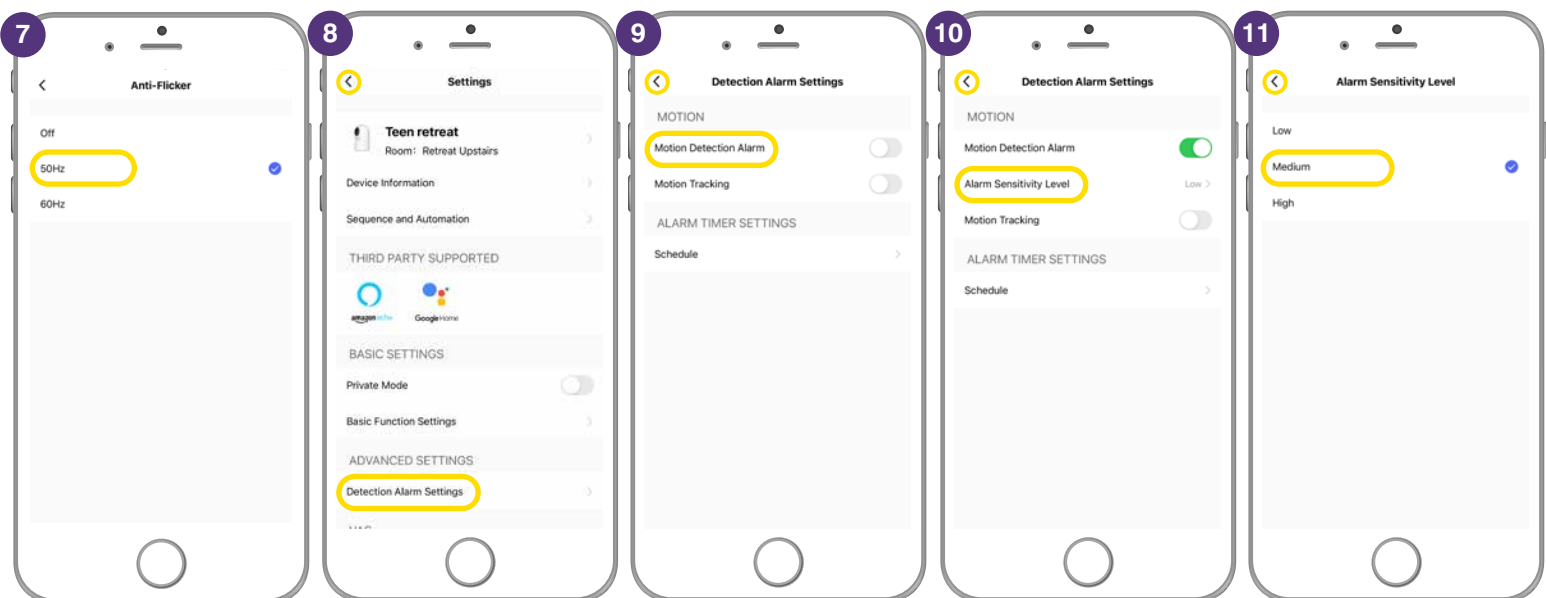
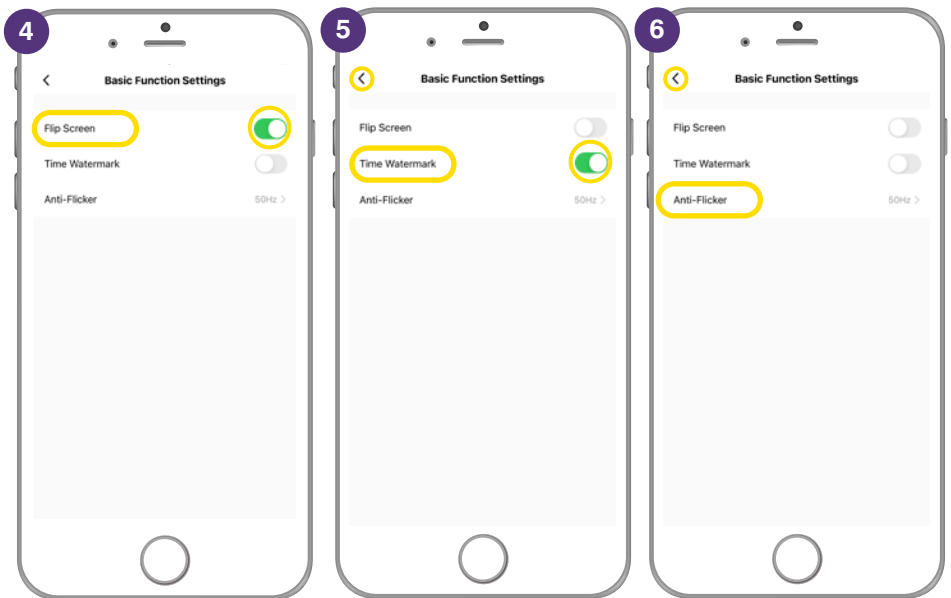
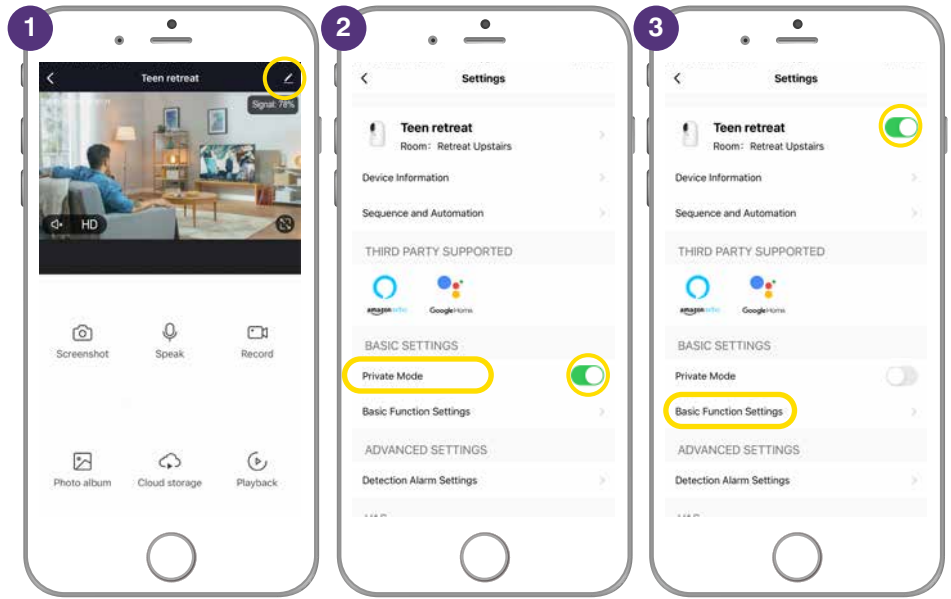
On the App camera screen image on your phone or tablet, press with your finger and drag your finger to move the camera lens to the left or right and up and down.



BRILLIANTSMART APP – OTHER FUNCTIONS/SETTINGS

1. Select the pen in top right hand corner for more settings.
2. **Private Mode** – turns camera off – the camera rotates camera lens down so it cannot record at all. Slide to the left to turn camera back on – camera head rotates back into normal position and turns on.
3. Select '**Basic Function Settings**'.
4. **Flip Screen** – flips the camera image 180°.
5. **Time Watermark** – puts the date and time stamp on the screen image.
6. **Anti-Flicker** – in general set to 50Hz for video recording.
7. Select '**Detection Alarm Settings**'.
8. **Motion Tracking** – the camera tracks and follows movement.
9. **Motion Detection Alarm** – turn on to get a notification to your phone and a recording to your photo album if camera detects movement.
10. **Alarm Sensitivity Levels** – 3 levels,
 - High** – a small motion, such as yawning or stretching.
 - Medium** – a normal daily motion, such as people walking.
 - Low** – a large motion, such as children chasing or jumping around.

After your selection, press the arrow to return to the previous screen.



11. Motion Tracking – camera follows and automatically starts recording when it detects object movement.

12. Schedule – allows you to select specific times when you want motion detection turned on – eg: when you are asleep at night or if you are away from home.

13. Select 'Add' to add a schedule to turn Motion Detection ON.

14. Select the time to start detection – select an ON time.

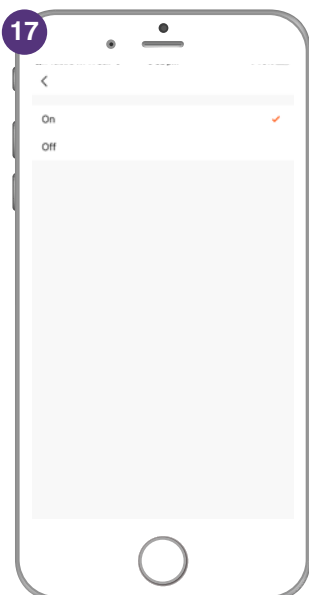
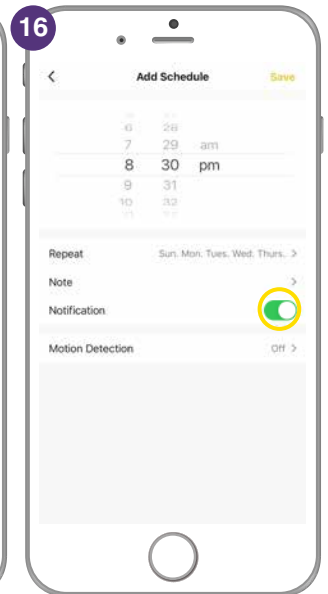
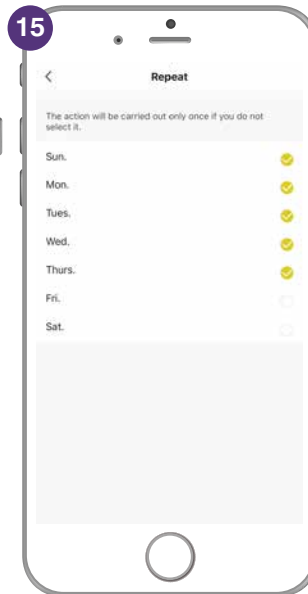
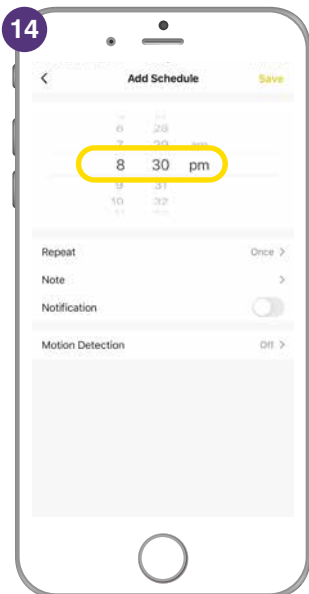
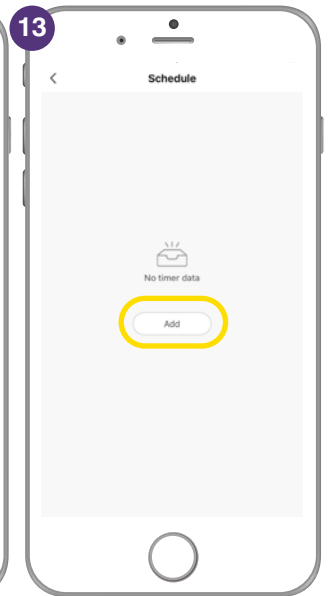
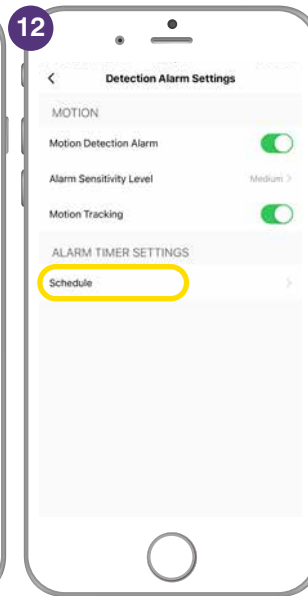
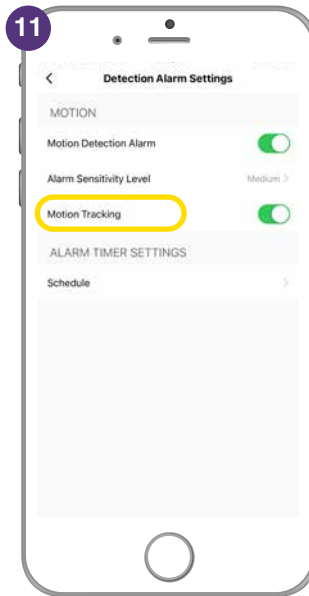
15. Select the days.

16. Notification – turn on if you want to get a message to your App.

17. Motion Detection – turns the motion detection ON/OFF.

18. To turn the Motion Detection OFF – repeat steps 16 and select off.

After your selection, press the arrow to return to the previous screen.



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 BrilliantSmart 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