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User's Guide

Digital Video Baby Monitor

Models: MBP854HD, MBP854HD-2, MBP854HD-3, MBP854HD-4

The features described in this User's Guide are subject to modifications without prior notice.

Welcome...

to your new Motorola Video Baby Monitor!

Thank you for purchasing the Motorola Video Baby Monitor. Now you can see and hear your baby sleeping in another room or you can monitor your older children in their playroom.

Please retain your original dated sales receipt for your records.
For warranty service of your Motorola product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

For product related questions, please call:

+44 (0) 844 557 0890 (UK only)
+44 (0) 8187 62092 (ROI)

This User's Guide provides you with all the information you need to get the most from your product.

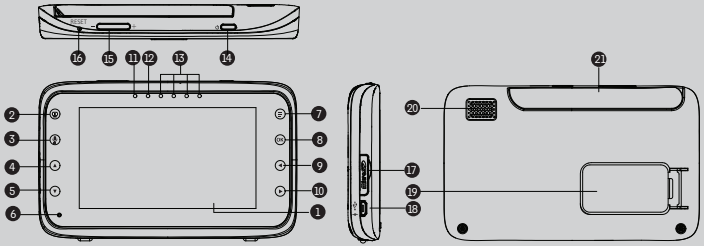
Before you can use the baby monitor, we recommend you insert and fully charge the battery in the parent unit, so that it continues to work if you disconnect it from the power supply to carry it to another location. Please read the Safety Instructions on page 8 before you install the units.

Got everything?

- 1 x Parent unit
- 1 x Baby unit (Camera)
- 1 x Power adapter for the Parent unit
- 1 x Power adapter(s) for the Baby unit

In multi-camera packs, you will find one or more additional camera units with power adapter units and battery packs.

Overview of the Parent Unit

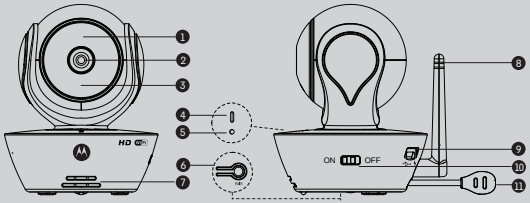


1. Display (LCD screen)
2. Video ON/OFF Key
   Press to turn ON/OFF the LCD display
3. Talk Key
   Press and hold to speak to your baby
4. Up Key ▲
   Normal Mode: Tilt Up
   Menu Mode: Up
5. Down Key ▼
   Normal Mode: Tilt Down
   Menu Mode: Down
6. Microphone
7. Menu Key
   Press to open the Menu options
8. OK Key **OK**
9. Left Key ◄
   Normal Mode: Pan Left
   Menu Mode: Left
10. Right Key ►
    Normal Mode: Pan Right
    Menu Mode: Right
11. Power Adapter / Battery LED BLUE when mains adapter power on.
    RED when battery low.
12. Unit ON/OFF LED (Green)
13. Audio Level LED (Green, Orange, Red, Red)
14. Power Key
    Press and Hold to turn the unit ON/OFF
15. Volume Key
    Press -/+ to decrease/increase Volume level on Parent Unit
16. Reset Key
17. SD Card socket
18. USB power adapter socket
19. Stand
20. Speaker
21. Antenna
    Lift the antenna for optimal reception

Parent unit menu icons

	Signal Level (4 Levels)
	Night Vision Mode (Screen changes to Black/White)
	Talk Mode
	Battery Level Control (4 Levels)
	Pan Left
	Pan Right
	Tilt Up
	Tilt Down
	Zoom Level Control (1X, 2X)
	Brightness Level Control (8 Levels)
	Lullaby Control (5 Song Selections)
	Alarm Setting (6h, 4h, 2h, Off)
	Temperature Reading (HH °C / °F or LL °C / °F) Icon & readings turn RED > 29°C / 84°F, and reading display HH °C / °F > 36°C / 97 °F) Icon & readings turn RED < 14°C / 57°F, and reading display LL °C / °F < 1°C / 34 °F)
	Cam Control (scan, view, add, delete)
	Local Recording (Record, Play)
	Set Video On Timer (5 min, 30 min, 60 min)
	Time Setting (Date, Time format 12/24HOUR and Time)
	Volume Level Control (8 Levels)
	SD Card detection
	No Baby Unit detected

Overview of Your Baby Unit



1. Light Sensor (for night mode detection)
2. Camera Lens
3. Infrared LEDs (for night vision)
4. Power / Status indicator
5. Microphone
6. PAIR Button
7. Speaker
8. Antenna
9. Micro USB socket
10. ON/OFF Switch
11. Temperature Sensor

Important guidelines for installing your Baby Monitor

- To use your Video Monitor Baby and Parent Units together, you must be able to establish a radio link between them, and the range will be affected by environmental conditions.
- Any large metal object, like a refrigerator, a mirror, a filing cabinet, metallic doors or reinforced concrete between the Baby and Parent Unit may block the radio signal.
- The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TVs, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
- Use of other 2.4 GHz products, such as wireless networks (Wi-Fi® routers), Bluetooth® systems, or microwave ovens, may cause interference with this product, so keep the baby monitor away at least 1.5m from these types of products, or turn them off if they appear to be causing interference.
- If the signal is weak, try lifting up the Parent Unit Antenna, moving the Parent and/or the Baby Unit to different positions in the rooms.

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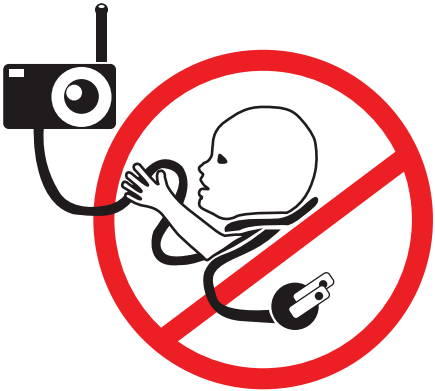
1. Safety Instructions

⚠ WARNING:

Strangulation Hazard: Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3ft (1m) away). Never use extension cords with AC Adapters. Only use the AC Adapters provided.



BABY UNIT SET UP & USE:

- **Determine a location for the Baby Unit that will provide the best view of your baby in his/her cot.**
- **Place the BABY UNIT on a flat surface, such as a dresser, bureau, or shelf or mount the Unit to a wall securely using the keyhole slots under the stand.**
- **NEVER place the Baby Unit or cords within the cot.**
- **Do not place the Baby Unit or cords in the cot or within reach of the baby (the unit and cords should be more than 1 metre away).**

WARNING

This digital video baby monitor is compliant with all relevant standards regarding electromagnetic fields and is, when handled as described in the User's Guide, safe to use. Therefore, always read the instructions in this User's Guide carefully before using the device.

- Adult assembly is required. Keep small parts away from children when assembling.
- This product is not a toy. Do not allow children to play with it.
- This baby monitor is not a substitute for responsible adult supervision.
- Keep this user's guide for future reference.
- Do not place the baby unit or cords in the cot or within reach of the baby (the unit and cords should be more than 1 metre away)
- Keep the cords out of reach of children.
- Do not cover the baby monitor with a towel or blanket.
- Never use extension cords with power adapters. Only use the power adapters provided.
- Test this monitor and all its functions so that you are familiar with it prior to actual use.
- Do not use the baby monitor near water.
- Do not install the baby monitor near a heat source.

- Only use the chargers and power adapters provided. Do not use other chargers or power adapters as this may damage the device and battery pack.
- Only insert a battery pack of the same type.
- Do not touch the plug contacts with sharp or metal objects.

CAUTION

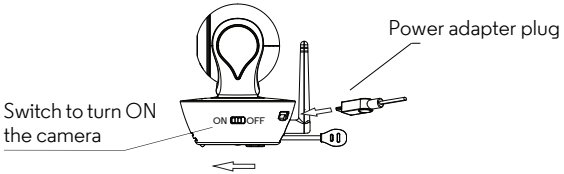
Risk of explosion if battery is replaced by an incorrect type.

Dispose of used batteries according to their instructions.

The Unit shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 8 inches (20 cm) or more.

2. Getting Started

2.1 Baby Unit Power Supply

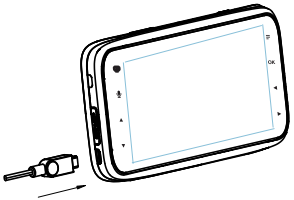


1. Connect the small plug of the power adapter to the baby unit (camera) and the other end to a suitable mains power socket.

   NOTE :*Only use the enclosed power adapter (5Vdc/1500mA).*

2. Slide the ON/OFF switch to the ON position. The power LED will light up in blue.
3. Slide the ON/OFF switch to the OFF position to turn the Baby Unit off.

2.3 Parent Unit Power Supply



IMPORTANT

The Parent Unit is assembled with a built-in rechargeable battery pack (Lithium-ion battery 1880mAh), please charge it for 16 hours before initial use.

1. Connect the micro USB plug of the power adapter to the parent unit and the other end to a suitable mains power socket. Only use the enclosed power adapter (5Vdc/1500mA) with the micro USB plug.

2. Press and hold the ⏻ POWER ON/OFF button for 1 second to turn ON the parent unit.
3. Once the baby and parent units are switched on, the display on the parent unit will show the video captured by the baby unit.
4. If there is no connection or you are out of range, the video display will go off and the unit will beep every 5 seconds. Move the parent unit closer to the baby unit until the link is re-established.
5. Press and hold the ⏻ POWER ON/OFF button, until the progress bar finishes scrolling, to turn OFF the parent unit.

NOTE

The battery icon *turns RED to indicate that the battery is low, and it gives a beep every 16 seconds. The battery needs to be recharged. The battery pack takes about 12 hours to charge fully.*

When charging

1. During power OFF, when adapter is plugged in, a adapter logo will display on screen and then a flashing battery logo will display for 15 sec. The Blue LED at top left corner light up indicates adapter is plugged in.
2. During power ON, when adapter is plugged in, the battery icon on screen's top right corner will show that the battery is charging. The Blue LED at the top left corner light up indicates adapter is plugged in.

2.4 Registration (Pairing)

The Baby monitor is pre-registered to your Parent Unit. You do not need to register it again unless the Baby Unit loses its link with the Parent Unit.

To re-register your Baby Unit, or register a new Baby Unit, follow the procedure below:

1. Press the ☰ button of the parent unit and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 📷 is highlighted, and the ✕ del/ ✚ add/ 👁 view/ 🔄 scan menu will pop up.
3. Press the ▲ UP button or ▼ DOWN button to select ✚ add, and press the **OK** button to confirm.
4. Camera *1 *2 *3 *4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired camera and press the **OK** button to start searching for a camera unit. The green audio level LED will flash rapidly while searching.
5. Press the **OK** button to confirm.
6. Press and hold the PAIR button underneath the baby unit until the parent unit finds the camera, beeps and the video from the camera appears.

NOTE

If a particular Baby Unit was registered previously, registering this current Baby Unit again will overwrite the old registration.

3. Using the Baby Monitor

3.1 Setting up

- Place the baby unit in a convenient location (e.g. on a table) and point the camera lens towards the area you want to monitor.
- Adjust the baby unit's head angle by rotating the camera up, down, left and right until you are satisfied with the image in the parent unit.

NOTE

Do not place the baby unit within the baby's reach! If there is interference with the picture or sound, try moving the units to different locations, and ensure they are not close to other electrical equipment.

3.2 Pan and Tilt

The camera can be remotely controlled from the parent unit.

1. Press the ▲ UP button or ▼ DOWN button to tilt upward or downward.
2. Press the ◀ LEFT button or ▶ RIGHT button to pan left or right.

3.3 Night Vision Mode

The baby unit has 8 high-intensity infrared LEDs for picking up clear images in the dark. When the built-in photo sensor on the top of the unit detects a low level of ambient light, the LEDs will automatically activate and the screen on the parent unit will display in black and white. The icon will be displayed at the top of the screen.

3.4 Talk Mode

Press and hold the TALK button on the parent unit to talk to your baby through the baby unit's loudspeaker. The icon will be displayed at the top of the LCD screen.

3.5 Video ON/OFF

Press VIDEO ON/OFF key to turn the LCD display on or off, but still leave the audio monitor on.

3.6 Temperature Display (HH °C / °F or LL °C / °F)

The temperature reading from the temperature sensor at the back of the Baby Unit will be displayed at the top of the LCD screen. The readings will turn RED if the temperature goes above 29°C / 84°F or below 14°C / 57°F. The reading will change to HH °C / °F if the temperature goes above 36°C / 97°F. The reading will change to LL °C / °F if the temperature goes below 1°C / 34°F.

4. Parent Unit Menu Options

4.1 Volume

1. Press the Volume button - or + to adjust the volume level, the icon will pop up and you can select the desired volume level from level 0~8. (The default volume level setting is level 4.)

4.2 Brightness

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ button until is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select the desired brightness level from level 1 ~ 8. (The default brightness level setting is level 5.)

4.3 Lullaby

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ button until is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select the desired song from the 5 lullabies available, or the cycle option to play all 5 songs in turn. If an individual song is selected it will only play once. (The default setting is lullaby OFF)
4. Press **OK** on the selected lullabies to select the desired song sound level.

4.4 Zoom

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ button until is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select the 1X or 2X Zoom. (The default setting is 1X.)

4.5 Alarm

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select the alarm time (6h, 4h, 2h). (The default setting is Alarm OFF.)
4. If an alarm time is selected, the parent unit will beep for about 45 seconds after every 6, 4 or 2 hour period.

4.6 Camera Control

4.6.1 Add (pair) a camera

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 📷 is highlighted, and the X del/ ✚ add/ 👁 view/ 🔄 scan menu will pop up.
3. Press the ▲ UP button or ▼ DOWN button to select ✚ add, and press the **OK** button to confirm.
4. Camera *1 *2 *3 *4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired Camera, and press the **OK** button to start searching for a camera unit. The green audio level LED will flash rapidly while searching.
5. Press and hold the **PAIR** button underneath the baby unit until the parent unit finds the camera, beeps and the picture from the camera appears.

NOTE

A camera can only be registered to one parent unit at any one time.

4.6.2 View a camera

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 📷 is highlighted and the X del/ ✚ add/ 👁 view/ 🔄 scan menu pops up.
3. Press the ▲ UP button or ▼ DOWN button to select 👁 view, and press the **OK** button to confirm.
4. Camera *1 *2 *3 *4 will pop up, press the ▲ UP button or ▼ DOWN button to select desired Camere, and press the **OK** button to view the picture from that camera.

TIP

Quick Method to View Cameras instead of entering into the menu bar. Directly press OK repeatedly to select Camera *1 *2 *3 *4, 🔄 scan.

4.6.3 Delete a camera

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 👤 is highlighted, and the X del/ ✚ add/ 👁 view/ 🔄 scan menu will pop up.
3. Press the ▲ UP button or ▼ DOWN button to select X del, and press the **OK** button to confirm.
4. Camera *1 *2 *3 *4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired Camera, and press the **OK** button to delete that registration.

Note:

You are not allowed to delete the camera if there is only one registered camera in the system.

4.6.4 Scan camera

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 👤 is highlighted, and the X del/ ✚ add/ 👁 view/ 🔄 scan menu will pop up.
3. Press the ▲ UP button or ▼ DOWN button to select 🔄 scan, and press the **OK** button to confirm.
4. The screen will then display images from different registered cameras in a loop of Camera *1 *2 *3 *4 , changing about every 12 seconds.

TIP

Quick Method to View Cameras instead of entering into the menu bar. Directly press OK repeatedly to select Camera *1 *2 *3 *4 , 🔄 scan.

4.7 Temperature

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 🌡 is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select °C or °F.

4.8 Power Saving mode

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 🖵 is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select auto video off after 5 mins, 30 mins or 60 mins if not in charging.

4.9 Video

You can record a video for your lovely baby through this function, the videos will be stored in the SD Memory Card, so please make sure the memory card has enough free space to store the recording data.

1. Press the ☰ button and the menu bar will pop up.
2. Press the ◀ LEFT button or ▶ RIGHT button until 🎬 is highlighted.
3. Press the ▲ UP button or ▼ DOWN button to select ⏺, and press **OK** button to start video recording, thence select press ⏹ and press **OK** button to stop.
4. Press the ▲ UP button or ▼ DOWN button to select ▶ and press **OK** button to play back the video.

4.10 Time Setting

1. Press the ◀ LEFT button or ▶ RIGHT button until ⚙ is highlighted and press **OK** Button.
2. Press the ◀ LEFT button or ▶ RIGHT button to move between the settings.
3. Press the ▲ UP button or ▼ DOWN button to set Date, Time format and Time.

5. Wi-Fi Internet Viewing

5.1 System Requirements

Web Portal

- Windows® systems, 7 or 8 (Java browser plug-in needed)
- Mac OS® version 10.7 or above
- Internet Explorer® version 8.0 or above
- Firefox® version 11.0 or above
- Chrome™ version 18.0 or above
- Safari® version 5.1 or above
- Java™ version 7 or above

Android™ System

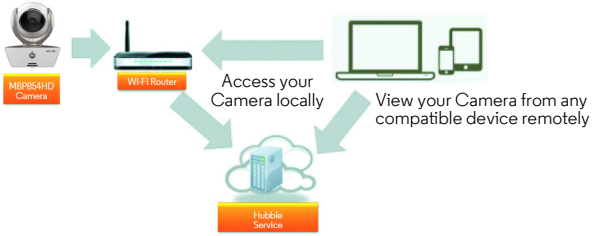
- Version 4.0 or above

iPhone®/iPad® iOS

- Version 7.0 or above

5.2 Getting started - Connecting Devices

How does it work?



When a user tries to access the Camera, our secure server authenticates the user's identity and permits access to the Camera.

Setup

Connect the Camera to the power adapter, then plug into an suitable mains power socket and make sure the power switch is in the ON position. The Camera must be within range of the Wi-Fi® router with which you want to connect it to. Make sure the password of the router is available for entering during the in-app setup process.

Status of LED Indication:

- Pair / Setup state: LED is red and blue and slowly flashing
- Unconnected state: LED is red and slowly flashing
- Connected state: LED is blue and always on
- Ready for connection state: LED is blue and slow flashing

Note: You can only setup via a compatible smartphone or tablet and not via a PC.

5.3 User Account and Camera Setup on Android™ Devices

What you need

- MBP854 camera
- MBP854HD camera power adapter
- Device with Android™ system version 4.0 or above

5.3.1 Power on and connect the MBP854HD camera

- Connect the MBP854HD adapter to a suitable mains power socket, insert the power adapter plug into micro USB socket at back of MBP854HD camera.
- Make sure that ON/OFF button is in the ON position.
- The camera's red LED blinks after the camera has finished booting. When you hear two 'beeps' this means the camera is ready to setup.

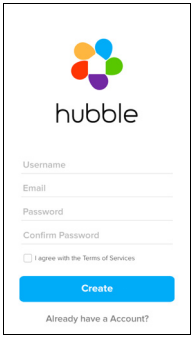
5.3.2 Download the Hubble for Motorola Monitors application

- Go to the Google Play™ Store to search "Hubble for Motorola Monitors" application.
- Download Hubble for Motorola Monitors application from Google Play™ Store and install it into your Android™ device.

5.3.3 Run Hubble for Motorola Monitors App on Android™ device

- Ensure your Android™ device is connected to your Wi-Fi® router.
- Run Hubble for Motorola Monitors application and key in your Hubble for Motorola Monitors account information, read through the Terms of Service then select “I agree to the Terms of Service” before you tap on **Create**. (Picture A1)

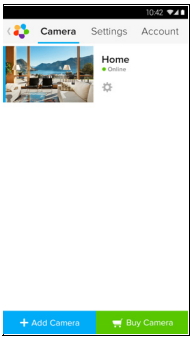
Note: If you have Hubble for Motorola Monitors account, please select **Already have a Account?** to go next steps.



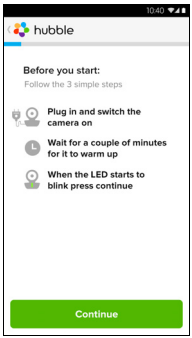
A1

5.3.4 Add MBP854HD Camera to your account

- New account created and directly login.
- Tap on **Add Camera**. (Picture A2)
- Tap on **Continue**. (Picture A3)

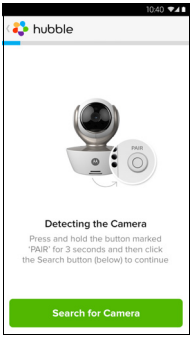


A2



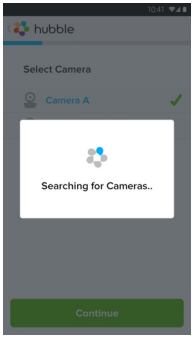
A3

- On the screen, it shows the setup instructions. (Picture A4)



A4

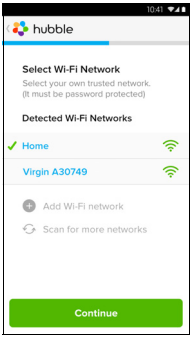
- Press and hold the **PAIR** button for 3 seconds at the side of MBP854HD Camera, you will hear a Beep tone and voice “Ready to start pairing” from Camera unit, then tap on **Search for Camera**.
- The App auto searching and connecting your Camera as below pictures (A5 & A6), the Blue/Red colour LED on the camera is blinking.



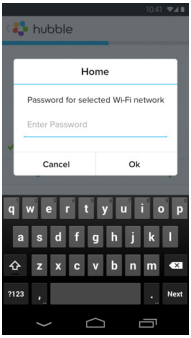
A5

A6

- Select Wi-Fi® Network and tap Continue, enter password then tap on **Connect**. (Picture A7, A8)

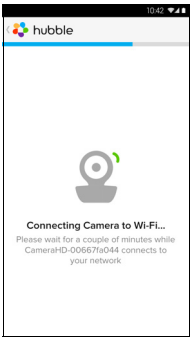


A7

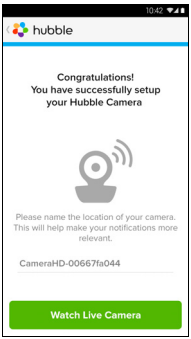


A8

- Connecting Camera to Wi-Fi® Network, it needs a few minutes to try connecting and then it will show connection result (Picture A9, A10). If connection failed, please tap on the **Retry** button and repeat the steps.

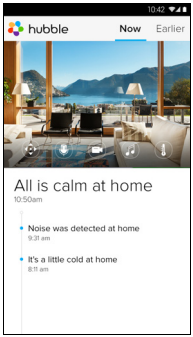


A9

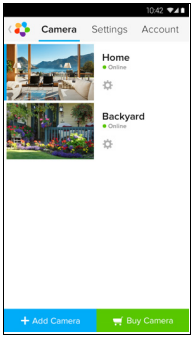


A10

- Tap on **Watch Live Camera** to view camera video, the Camera blue LED is blinking. (Picture A11)
- Tap on Hubble logo and go back to camera list. (Picture A12)



A11



A12

5.4 User Account and Camera Setup: Working with iPhone®/iPad®

What you need

- MBP854HD camera
- MBP854HD camera power adapter
- iPhone® / iPad® with iOS 7.0 version or up

5.4.1 Power ON and Connect MBP854HD camera

- Connect MBP854HD adapter to a suitable mains power socket, insert the plug into micro USB socket at back of MBP854HD camera.
- Ensure ON/OFF button is pushed ON.
- Camera red LED blinks after camera booting finish, you will hear two Beep tones, it means the camera is ready to setup.

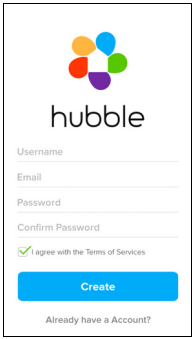
5.4.2 Download Hubble for Motorola Monitors App

- Go to App Store to search “Hubble for Motorola Monitors”.
- Download Hubble for Motorola Monitors App and install it on your iPhone®/ iPad®.

5.4.3 Run Hubble for Motorola Monitors on your iPhone®/iPad®

- Ensure your iPhone®/iPad® is connected to your Wi-Fi® Router.
- Run Hubble for Motorola Monitors application and key in your Hubble for Motorola Monitors account information, read through the Terms of Service then select “I agree to the Terms of Service” before you tap on **Create**. (Picture i1)

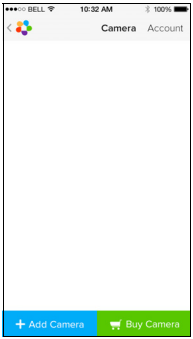
Note: If you have a Hubble for Motorola Monitors account, please select **Already have a Account?** to go next steps.



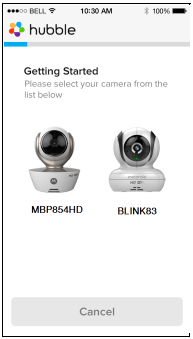
i1

5.4.4 Add MBP854HD Camera to your account

- New account created and directly login .
- Tap on **Add Camera.** (Picture i2)
- Tap on “MBP854HD”. (Picture i3)

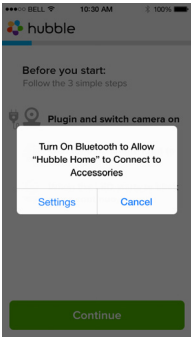


i2



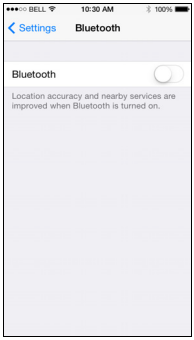
i3

- Follow the instruction on screen to turn on the Bluetooth™ function of your iPhone/iPad.(Picture i4)

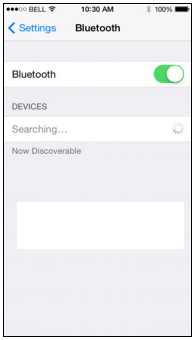


i4

- Tap on Home button, then enter the “Settings” menu to turn on the Bluetooth™ function of your iPhone/iPad.(Picture i5, i6)

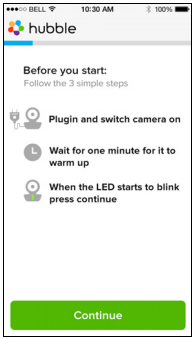


i5



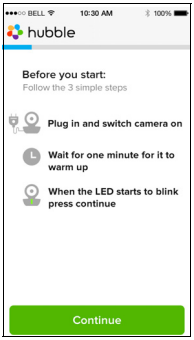
i6

- Press the HOME key to exit the Settings menu and tap on the “Hubble Home” app to enter the start up screen.(Picture i7)



i7

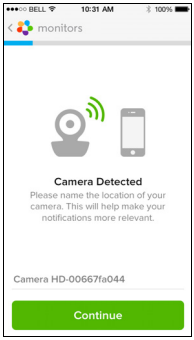
- Tap on **Continue** and follow the steps indicated as shown below. (Pictures i8, i9)



i8

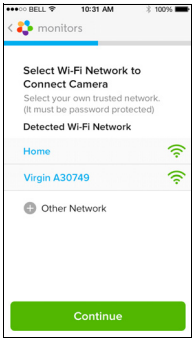
i9

- According to above steps to find current Camera ID “CameraHD-xxxxxxxxx” , then tap on **Continue** , ensure your iPhone® or iPad® connected it. (Picture i10)



i10

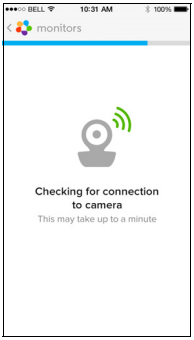
- Select Wi-Fi® Network to tap **Continue** then enter password to tap Next. (Pictures i11, i12)



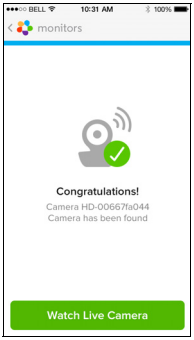
i11

i12

- Connecting Camera to Wi-Fi®, need to wait a few minutes then see connection status as below (Pictures i13, i14), if connection fails, please tap on the **Retry** button and repeat 5.4.4 as instructed above.

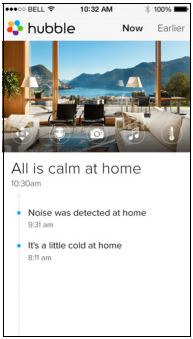


i13

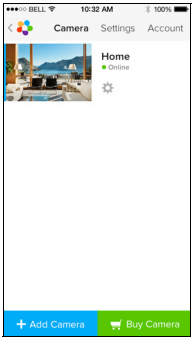


i14

- Press **Watch Live Camera** to view Camera video. (Picture i15)
- Tap on Hubble logo to go back to Camera list. (Picture i16)



i15



i16

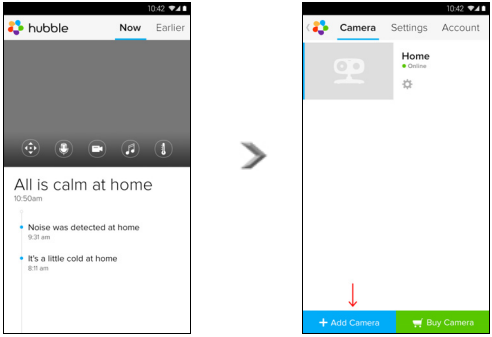
5.5 Camera Functions: Working with devices for Android™

5.5.1 Connecting the Camera to Power

- Insert the small end of the Power Adapter into the Power Adapter Connector and plug the Power Adapter into a suitable mains power socket.
- Slide the ON/OFF switch to ON, the blue Power LED will light up. (Note: To switch the device off, slide the ON/OFF switch to OFF.)
- Run the Hubble for Motorola Monitors application on your Android™ device.
- The Camera view appears on the screen.

5.5.2 Add more cameras

- On Camera view, tap on Hubble logo to go to **Add Camera** page. (Picture A13)
- Tap on **Add Camera** to add one more camera follow steps of Android™ device setup. (Picture A14)
- Once the Camera has been added, the Camera view will be automatically displayed.



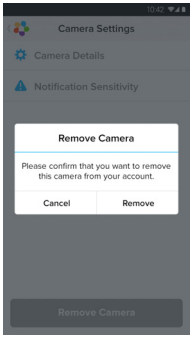
A13 A14

5.5.3 Remove a camera

You can remove a camera from your account by following these steps:

- Tap the Setting icon on General page, then tap on **Remove Camera**. (Picture A15)
- Select **Remove** to delete the unit from camera list. (Picture A16)

A15

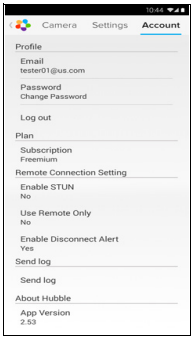


A16

5.5.4 Change your Account Information

You can change the account information using Android™ device.

- Tap **Account** on General page, the account setting appears on screen. (Picture A17)
- Tap on **Change Password** to change your password following the instruction.
- Tap on **Log Out** to leave the account.
- Tap on **Freemium** plan, it will go to the link of Cloud Video Recording Service, to obtain more information, please visit our website http://www.hubbleconnected.com.
- Tap on **Use** to access Remote Connection Setting , use Remote Only by Selecting **Yes**.
- **Enable Disconnect Alert** , when disconnect it will be "beeps" alert,enable the disconnect Alert by selecting **Yes**.
- Tap on **Send Log** to send your Hubble for Motorola Monitors Android App report to our server via e-mail; this should be sent if requested by a customer service agent.

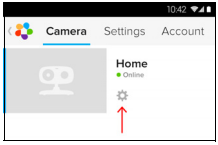


A17

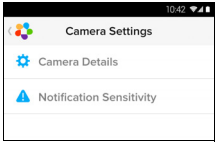
5.5.5 Camera settings

You can change the Camera settings by tapping the Setting icon on the Camera page. (Picture A18)

- Tap on **Camera Details** to review **Camera Name**, **Change Image** & **Firmware version**. (Picture A19)

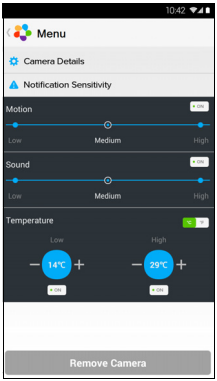


A18



A19

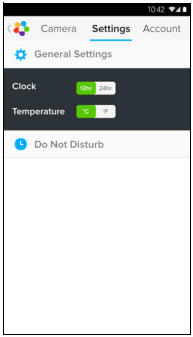
- Tap on **Notification Sensitivity** to set the sensitivity of sound & motion detection, and set Alert of High/Low temperature. (Picture A20)



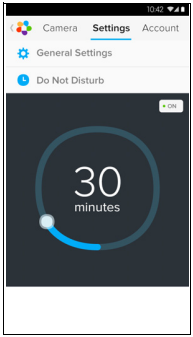
A20

5.5.6 General setting

- Tap **Settings** on General page.
- Tap on **General Settings** to shift the format of Clock (12hr/24hr) & **Temperature** (°C / °F). (Picture A21)



A21



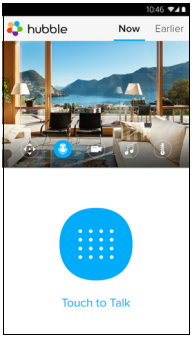
A22

- Tap on **Do Not Disturb**, set the timer which you prefer and select **ON**, the Camera will not send any sound or alert to your Android™ device in the duration of your setting. (Picture A22)

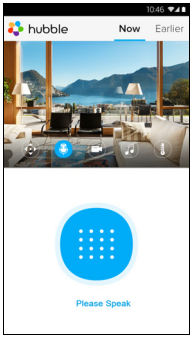
5.5.7 Features of Hubble for Motorola Monitors Application

On Camera view, tap the viewing area, Function Icons will appear as following,

Two Way Talk – Tap on the microphone icon to turn on the talk back function to the Camera, press once the circle button to speak. Toggle again to listen from Camera. (Pictures A23, A24)



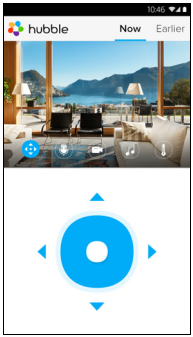
A23



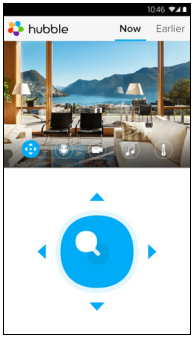
A24

Pan and Tilt Function:

Tap the up and down buttons to tilt, the left and right buttons to pan. (Pictures A25, A26)



A25

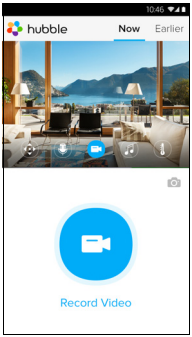


A26

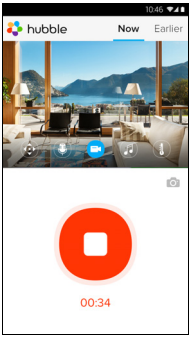
Photo/Video - Take a photo or record a video from your Camera.

Tap Video icon to activate the video function and press the red dot to start and release to stop recording. (Pictures A27, A28)

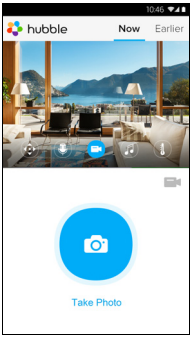
Tap Camera icon to switch to Camera mode, you can capture photos from camera view. (Picture A29)



A27



A28

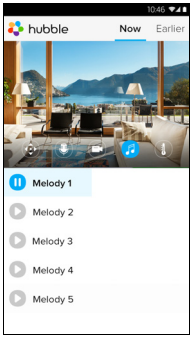


A29

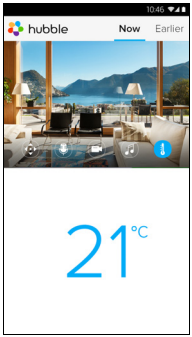
Note:
Photos and videos will be stored in the internal flash memory of your device for Android™, they can be accessed from Gallery or Media Player. To play videos, please use the "Hubble for Motorola Monitors" application or a 3rd party application, such as MX player (i.e. Google Play™ Store), which is able to play MJPG (Motionjpeg).

Melody – To play one of the pre-set 5 melodies sound in system, tap on Melody to show the **Melody** menu and select one you prefer to play on your Camera. (Picture A30)

Temperature Measure – The temperature reading from the temperature sensor at the back of the Camera will display at your Android™ device CD screen (Picture A31). The readings will turn RED if the temperature goes out of High/Low Temperature limited which set in Account. (see section 4.2.4)



A30



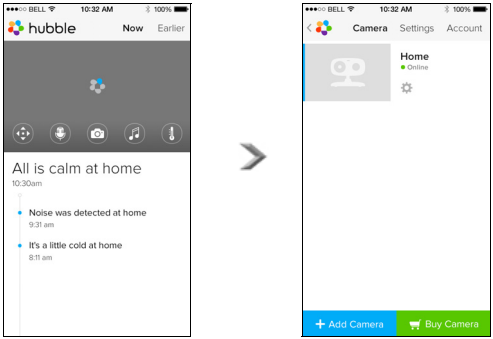
A31

5.6 Camera Functions: Working with devices for iPhone®/iPad®

- Run the Hubble for Motorola Monitors application on your iPhone®/iPad®.
- The Camera view appears on the screen.

5.6.1 Add more cameras

- On Camera view, tap on the Motorola logo to go to **Add Camera** page. (Picture i17)
- Tap on **Add Camera** to add one more camera follow steps of iPhone®/iPad® setup 3.3.4. (Picture i18)
- Once the Camera has been added, the Camera view will be automatically displayed.



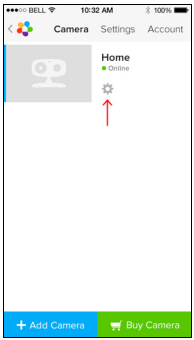
i17 i18

Note:
You can ONLY add up to 4 cameras in one account.

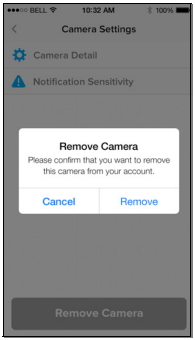
5.6.2 Remove a camera

You can remove a camera from your account by following these steps:

- Tap the Setting icon on General page, then tap on **Remove Camera**. (Picture i19)
- Select **Remove** to delete the unit from camera list. (Picture i20)



i19

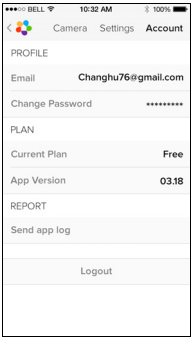


i20

5.6.3 Change your Account Information

You can change the account information using iPhone®/iPad®.

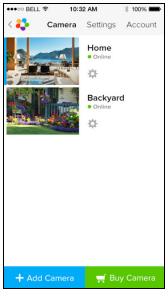
- Tap **Account** on General page, the account setting appears on screen. (Picture i21)
- Tap on **Change Password** to change your password following the instruction.
- Tap on **Log Out** to leave the account.
- Tap on **Current plan**, it will go to the link of Cloud Video Recording Service, to obtain more information, please visit our website www.hubbleconnected.com/motorola/plans.
- Tap on **Send app log** to send your Hubble for Motorola Monitors App report to our server via e-mail; this should be sent if requested by a customer service agent.



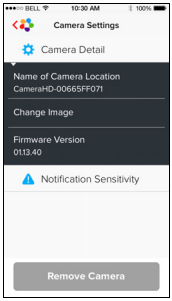
i21

5.6.4 Camera settings

You can change the Camera settings to tap the Setting icon on General page (Picture i22), to review **Camera Name** and **Firmware version** also you are allow to change camera name when tap on existing name following the instruction.



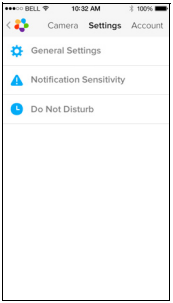
i22



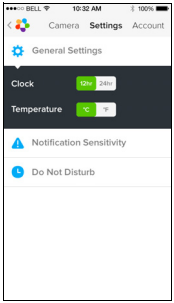
i23

5.6.5 General settings

- Tap **Settings** on General page. (Picture i24)
- Tap on **General Settings** to shift the format of **Clock** (12hr/24hr) & **Temperature**. (Picture i25)

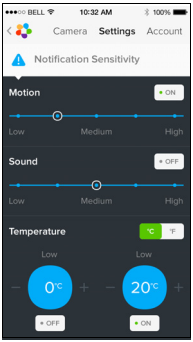


i24

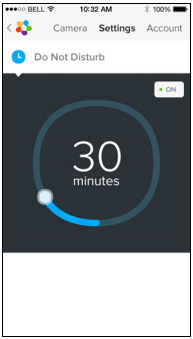


i25

- Tap on **Notification Sensitivity** to set the sensitivity of sound & motion detection, and set Alert of High/Low temperature. (Picture i26)



i26

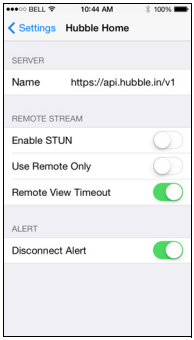


i27

- Tap on **Do Not Disturb**, set the timer which you prefer and select ON, the Camera will not send any sound or alert to your iPhone®/iPad® in the duration of your setting. (Picture i27)

5.6.6 Hubble for Motorola Monitors Settings

- Tap on **Settings** on your iPhone®/iPad®, and the applications will appear, tap on Hubble for Motorola Monitors App hubble, the settings in the Hubble for Motorola Monitors app will be shown on screen. (Picture i28)

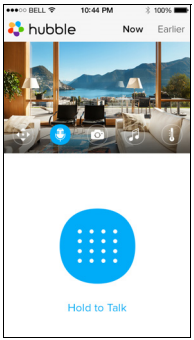


i28

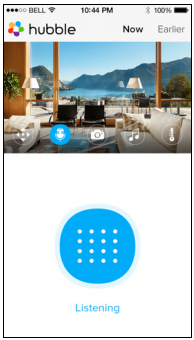
5.6.7 Features of the Hubble for Motorola Monitors Application

On Camera view, tap the viewing area, Function Icons will appear as following,

Two Way Talk – Tap on the microphone icon to turn on the talk back function to the Camera, press once the circle button to speak. Toggle again to listen from Camera. (Pictures i29, i30)



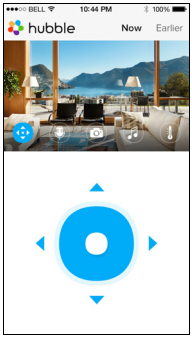
i29



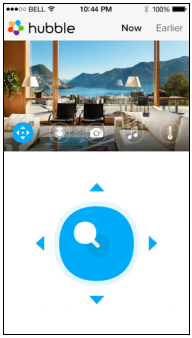
i30

Pan and Tilt Function:

Tap the up and down buttons to tilt, the left and right buttons to pan. (Pictures i31, i32)

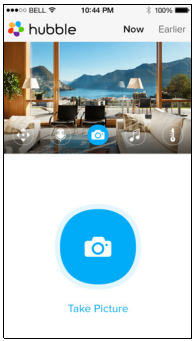


i31



i32

Take Picture - Tap Camera icon to capture photos from camera view. (Picture i33)



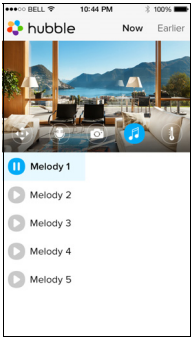
i33

Note:

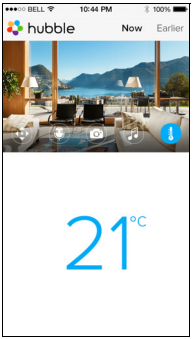
Photos will be stored in The internal flash memory of your iPhone®/iPad®.

Melody – To play one of the pre-set 5 melodies sound in system, tap on Melody to show the **Melody** menu and select one you prefer to play on your Camera. (Picture i34)

Temperature Measure – The temperature reading from the temperature sensor at the back of the Camera will display at your iPhone®/iPad® LCD screen (Picture i35). The readings will turn RED if the temperature goes out of High/ Low Temperature limited which set in Account. (see section 4.3.5)



i34



i35

5.7 Camera Functions: Working with PC/Notebook

- Go to URL: http://www.hubbleconnected.com/motorola/login/
- Enter your User Name and Password and then click Login if you have already created an account.
- Click on the Camera list paired in your account via Android™ device or iPhone®/iPad®, and the Camera view will appear on screen. You can easily stay connected with your favorite people, places and pets with live video streaming.
- At the website, you can change the settings by following the Menu instruction steps.

6. Procedure for resetting the Camera

Note: If your Camera is moved from one router (e.g. home) to another router (e.g. office) or you have Camera setup issues, then this Camera must be reset again. Please reset the Camera with the following procedure:

1. Slide the ON/OFF switch to OFF.
2. Press and hold the PAIR button on the underside of the Camera, then slide the ON/OFF switch to ON, the LED indicator turns ON.
3. Release the PAIR button and wait for the Camera to complete the internal reset procedure, you will hear beeps and the LED indicator turns off, the Camera reset successfully.
4. You can add your camera again by following the steps 5.3.4 for Android device or 5.4.4 of iOS device.

7. Disposal of The Device (environment)

At the end of the product lifecycle, you should not dispose of this product with normal household waste. Take this product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.

Some of the product materials can be reused if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.

Dispose of the battery pack in an environmentally-friendly manner according to your local regulations.

8. Cleaning

Clean the Baby Monitor with a slightly damp cloth or with an anti-static cloth. Never use cleaning agents or abrasive solvents.

Cleaning and care

- Do not clean any part of the product with thinners or other solvents and chemicals –- this may cause permanent damage to the product which is not covered by the warranty.
- Keep the Baby Monitor away from hot, humid areas or strong sunlight, and don't let it get wet.
- Every effort has been made to ensure high standards of reliability for your Baby Monitor. However, if something does go wrong, please do not try to repair it yourself –- contact Customer Service for assistance.

9. Help

Display

No display

- Try recharging or replacing the battery pack.
- Reset the units. Disconnect the battery pack of the parent unit and unplug both the units' electrical power, then plug them back in.
- Is the unit turned on?
  Press and hold the ON/OFF button ⏻ on the parent unit to turn it ON.
- Is the correct camera selected?
  Change the camera number, if necessary.
- Is the video display turned on?
  Press the VIDEO ON/OFF button to turn it on.
- When operating using batteries only, the Display will go blank after 5 minutes or 30 minutes or 60 minutes to save power (depending on video on setting). The unit is still active and will give you audio alerts. You can reactivate the screen by pressing any button.

Registration

If the Baby Unit has lost its link with the Parent Unit

- Try recharging or replacing the battery pack.
- If the Baby Unit is too far away it may be going out of range, so move the Baby Unit closer to the Parent Unit.
- Reset the units by disconnecting them from the battery and electrical power. Wait about 15 seconds before reconnecting. Allow up to one minute for the Baby Unit and the Parent Unit to synchronise.
- See 2.4 Registration (Pairing), if there is a need to re-register the units.

Interference

Noise interference on your parent unit

- Your baby and parent units may be too close. Move them farther apart.
- Make sure there is at least 1 to 2m (3 to 6 ft) between the 2 units to avoid audio feedback.
- If the baby unit is too far away it may be out of range, so move the baby unit closer to the parent unit.
- Make sure the baby and parent units are not near other electrical equipment, such as a television, computer or cordless/mobile telephone.
- Use of other 2.4 GHz products, such as wireless networks (Wi-Fi® routers), Bluetooth® systems, or microwave ovens, may cause interference with this product, so keep the baby monitor away at least 1.5m (5ft) from these types of products, or turn them off if they appear to be causing interference.
- If the signal is weak, try moving the Parent and/or Baby Unit to different positions in the rooms.

Noise interference on your device

- To avoid background noise or echoes, ensure that there is enough distance between your device and the Wi-Fi® Camera Unit.
- Use of other 2.4 GHz products, such as Bluetooth® systems or microwave ovens, may cause interference with this product. Keep the Wi-Fi® Camera Unit at least 1.5m away from these types of products, or turn them off if they appear to be causing interference.

Lost connection

- Check your Wi-Fi® settings. If necessary reconnect your Wi-Fi®. Ensure the Wi-Fi® Camera Unit is switched ON. Wait a few minutes to make the connection with the Wi-Fi® system.

If you forgot your password

- If you do not remember your password, tap Forgot password and submit your e-mail address. A new password will be sent to your e-mail address immediately.

Trouble Shooting

Category	Problem Description / Error	Solution
Account	I am unable to login even after registration.	Please check your user name and password.
Account	I receive an error message saying: "Email ID is not registered".	Please ensure that you have registered with us. Tap **Create Account** to create an account tobe able to use the Wi-Fi® Home Video Baby Monitor Camera.
Account	What do I do if I forgot my password?	Click on the "Forgot Password" link on the http://www.hubbleconnected.com/motorola/login/ website OR your Android™ or iOS application. An email will be sent to your registered email address.
Account	I am unable to receive a new password although I have used the "Forgot password" option.	1. The e-mail might have been sent to your Junk Mail Folder. Please check your Junk Mail Folder. 2. There might be a delay in getting your e-mail. Please wait a few minutes and refresh your email account.
Connectivity Issues	I get a message: We are having problems accessing your camera. This could be due to lack of internet connection. Please wait and try again later.	1. Please try again in a few minutes. This could be because of any issue with your internet connection. 2. If the problem remains, please restart your Camera to check if this fixes the problem. 3. Please restart your Wireless Router.

Viewing Camera	When I am in "remote mode", the video stops after 5 minutes. How do I view for longer?	When you are accessing your Camera via a network different from your home network (over internet) your video times out after 5 minutes. You can click on the Camera again from the Android™/iOS application to start streaming again. If you are accessing from your web-browser, then you can press on the **Reload** button to start viewing your Camera video stream again.
Features	The sound alert setting threshold is not right.	You can Adjust Sound Sensitivity to trigger notifications under Camera Setting menu.
Connectivity Issues	My Phone application displays the following message: "Unable to connect to BMS server".	1. Check the Wi-Fi® network strength. 2. Check if you are connected to the internet by starting the phone browser and going to a website like www.google.com. 3. Try again if you are successful connecting to the internet.
Setting Up	While I am adding a new camera to my account, I am not able to find any Cameras to add.	If you are trying to add a Camera which has previously been added into your account or another account, you will first have to reset the Camera. This can be done by pressing and holding the PAIR button at the bottom of the Camera for 5 seconds.
General	What are the supported browsers for accessing from my PC/ Mac®?	On PC and Mac®, we recommend to use Google Chrome. However the following browsers are also supported: PC: Internet Explorer 8 and above. Mac®: Safari.

General	What is the significance of LED flashing?	A blinking LED indicates the following status: Slow blinking: 1. Your Camera is in setup mode. You can add the Camera to your account in this mode. Out of the box, the Camera is in setup mode. To reset to setup mode, press and hold the PAIR button on the bottom of the Camera untill you hear a beep. Slow blinking: 2. The Camera is either connecting to the router or lost the link to the router. Please ensure that the Camera is in the Wi-Fi® signal range. LED is stable: The Camera is connected to the Wi-Fi® network.
Connectivity Issues	I am not able to access my Camera.	Please check if the Camera is within Wi-Fi® range. If the LED on your Camera is slow blinking, please try to move the Camera closer to the router for better Wi-Fi® range and try again.
Setting Up	During setup on device for Android™ and iOS, during the last step I am not able to find my Camera and the setup fails.	Please reset the Camera to setup mode and try again. Press and hold the PAIR button on the bottom of the Camera untill you hear a beep. Wait for a minute for the Camera to restart. When the Camera LED is blinking, indicating that it is in setup mode. Now restart the setup from your Smartphone again.

Connectivity Issues	Even though I am accessing my Camera from the same Wi-Fi® network, I still find my Camera is shown as remote. I can only access it for 5 minutes at a time.	Please check your wireless router settings. For example, in Buffalo brand routers there is an option called Wireless Isolation. Please disable this option.
Camera	When I try to view the Camera, I get a prompt for Camera firmware upgrade. What should I do?	Please upgrade your firmware. This takes around 5 minutes. We push upgrades from time to time to improve the Camera features.
General	Which platforms are supported for accessing my Camera?	Windows® 7*, Windows® 8* *Java browser plug-in needed Mac iOS version 10.7 or above Internet Explorer® version 8.0 or above Firefox® version 11.0 or above Chrome™ version 18.0 or above Safari® version 5.1 or above Java™ version 7 or above Android™ version 4.0 or above iPhone®/iPad® iOS version 7.0 or above.
General	I do not hear sound when I am accessing a remote Camera.	You can tap on the speaker icon in the video stream screen to hear audio. By default the audio is not ON when you are accessing a remote Camera.

General	What is the meaning of "Local Camera" and "Remote Camera"?	When you are accessing your camera from the same wireless network (Home) in which it is configured, it is a local camera. When you are accessing your Camera away from your home it is a remote camera. You may be using 3G, 4G or 4G LTE or a Wi-Fi® connection outside of your home.
General	How do I download the APP for Android™ and iOS devices?	**Android™:** - Open Google Play App on your Android™ device. - Select Search - Type "Hubble for Motorola Monitors" - The results will have Hubble for Motorola Monitors App by Binatone - Select to install it. **iOS Device:** - Open iOS APP Store™ - Select search - Type "Hubble for Motorola Monitors" - The results will have Hubble for Motorola Monitors App by Binatone - Select to install it.

Setting up	When the video is cut off, the application attempts to reconnect and and results in lost sound and choppy video.	You will need to turn off the auto lock function of your smart device to ensure continuous video/audio feeding.
Features	How many users can access the Camera at one time?	If you are accessing in local more, two users are supported, after two users all streaming will go through remote server. This allows for unlimited user access to a single Camera at one time.
Connectivity issues	I found interference caused by my other web cam devices.	Video streaming performance is related to internet bandwidth, especially if you have 2 or more video streaming devices that are working through the same router.

10. General Information

If your product is not working properly....

1. Read this User's Guide or the Quick Start Guide.
2. Contact Customer Service:
   +44 (0) 844 557 0890 (UK only)
   +44 (0) 8187 62092 (ROI)

To order a replacement battery pack, contact customer service.

Consumer Products and Accessories Limited Warranty ("Warranty")

Thank you for purchasing this Motorola branded product manufactured under license by Binatone Electronics International LTD ("BINATONE").

What Does this Warranty Cover?

Subject to the exclusions contained below, BINATONE warrants that this Motorola branded product ("Product") or certified accessory ("Accessory") sold for use with this product that it manufactured to be free from defects in materials and workmanship under normal consumer usage for the period outlined below. This Warranty is your exclusive warranty and is not transferable.

Who is covered?

This Warranty extends only to the first consumer purchaser, and is not transferable.

What will BINATONE do?

BINATONE or its authorised distributor at its option and within a commercially reasonable time, will at no charge repair or replace any Products or Accessories that does not conform to this Warranty. We may use functionally equivalent reconditioned/ refurbished/ pre-owned or new Products, Accessories or parts.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA OR BINATONE BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights that vary from one jurisdiction to another.

Products Covered	Length of Coverage
Consumer Products	**One (1) year** from the date of the products original purchase by the first consumer purchaser of the product.
Consumer Accessories	**Ninety (90) days** from the date of the accessories original purchase by the first consumer purchaser of the product.
Consumer Products and Accessories that are Repaired or Replaced	**The balance of the original warranty or for Ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this Warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of MOTOROLA or BINATONE, are excluded from coverage.

Use of Non-Motorola branded Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

Unauthorised Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than MOTOROLA, BINATONE or its authorised service centres, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

How to Obtain Warranty Service or Other Information?

To obtain service or information, please call:

+44 (0) 844 557 0890 (UK only)

+44 (0) 8187 62092 (ROI)

You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a BINATONE Authorised Repair Centre.

To obtain service, you must include: (a) the Product or Accessory; (b) the original proof of purchase (receipt) which includes the date, place and seller of the Product; (c) if a warranty card was included in your box, a completed warranty card showing the serial number of the Product; (d) a written description of the problem; and, most importantly; (e) your address and telephone number.

These terms and conditions constitute the complete warranty agreement between you and BINATONE regarding the Products or Accessories purchased by you, and supersede any prior agreement or representations, including representations made in any literature publications or promotional materials issued by BINATONE or representations made by any agent, employee or staff of BINATONE, that may have been made in connection with the said purchase.

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Tel: +44(0) 20 8955 2700 Fax: +44(0) 20 8344 8877
e-mail: binatoneuk@binatonetelecom.co.uk

EC Declaration of Conformity

We the manufacturer / Importer : Binatone Telecom Plc
1 Apsley Way London
NW2 7HF, United Kingdom.

Declare under our sole responsibility that the following products

Type of equipment:	Wi-Fi Video Camera
Model Name:	MBP854HD, MBP854HD-2, MBP854HD-3, MBP854HD-4
Country of Origin:	China
Brand:	Motorola

complies with the essential protection requirements of R&TTE Directive 1999/5/EC on the approximation of the laws of the Member States relating to ***Radio Spectrum Matters***, the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to ***electromagnetic compatibility (EMC)*** and the European Community Directive 2006/95/EC relating to ***Electrical Safety.*** Directive 2011/65/EC on the restriction of use of hazardous substances (RoHS) and 2009/125/EC relating to ecodesign requirement for Energy-Related Products (ErP).

Assessment of compliance of the product with the requirements relating to the essential requirements according to Article 3 R&TTE was based on Annex III of the Directive 1999/5/EC and the following standard:

Radio Spectrum:	EN300328 V1.8.1:2012
EMC:	EN301489-17 V2.2.1:2011 EN301489-1 V1.9.2:2011
Electrical Safety:	EN60950-1:2006/A12:2011
RF Safety:	EN62479:2010

The product is labelled with the European Approval Marking CE as show. Any Unauthorised modification of the product voids this Declaration.

CE

Manufacturer / Importer
(Signature of authorised person)

Karl Heinz Mueller / Chief Technical Officer

London, 10 July, 2014
Place & Date

Technical Specifications

Baby unit

Frequency	2.4 GHz to 2.48 GHz
Image sensor	color CMOS 1M Pixels
Lens	f 2.5mm, F 2.8
IR LED	8 pcs
Power Adapter	Ten Pao International Ltd. S009GB0500150 (for UK) Input: 100-240Vac, 50/60Hz, 300mA; Output: 5.0Vdc, 1500mA ***WARNING*** Use only with supplied power supply.

Parent unit

Frequency	2.4 GHz to 2.48 GHz
Display	4.3" diagonal TFT LCD
Display colours	16.7M color LCD
Brightness control	8 steps
Volume control	8 steps
Powe Adapter	Ten Pao International Ltd. S009GB0500150 (for UK) Input: 100-240Vac, 50/60Hz, 300mA; Output: 5.0Vdc, 1500mA ***WARNING*** Use only with provided power supply.
Battery	Motorola, BF6X 3.7V, 1880mAh Lithium-Ion Polymere, rechargeable battery pack ***WARNING*** *Do not use non-rechargeable batteries for the Parent Unit. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.*

motorola

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