

**SAMSUNG**  
WISeNET

# BabyView

User Manual

SEW-3057W

CE

# BabyView

## User Manual

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## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings, install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/ accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lighting storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.





## **SPECIFY SERVICE INSTRUCTIONS AND WARRANTY TERMS**

### **FCC Compliance Statement**

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

### **FCC Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **FCC Caution**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **Industry Canada Statement**

This device complies with RSS-247 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

### **Industry Canada Radiation Exposure Statement (Déclaration d'exposition aux radiations)**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

## **• WARNING**

- **STRANGULATION HAZARD** - Keep cord out of child's reach. NEVER place camera or cords within 3 feet of crib or playpen. Never use extension cords with AC Adapters. Only use the AC Adapters provided.
- Some adult assembly or installation required.
- This product contains small parts that may cause choking. Keep small parts away from children.
- This product is NOT intended to replace proper supervision of children. You MUST check your child's activity regularly, as this product will not alert parents to silent activities of a child.
- Before using this product, read and follow all instructions contained in this booklet, and read and follow all instructions and warnings on the product.
- NEVER use the transmitter or monitor near water, including near a bathtub, sink, laundry tub, wet basement, etc.
- This product is intended for indoor use only.
- This product is not intended for use as a medical monitor and its use should not replace adult supervision.
- The transmitter detects normal sound levels within a range of 2 to 3 meters (6 to 10 feet) from a child. If the child moves outside of this range, it may not be able to detect sounds from him or her.
- It is essential that you check the operating range and condition of the transmitter monitor on initial installation, and on a regular basis after that.
- Check reception regularly. Test monitor before use and after changing camera location.
- Do not take apart the product by yourself.
- To prevent overheating, keep the product and AC power adapters away from any direct sunlight and heat sources such as radiators, heat registers, cooking devices (e.g., stoves and ovens) and other appliances that produce heat (e.g., amplifiers, televisions and stereos).
- Ensure that the product is well ventilated during use. Avoid contact with pillows and furniture that may block ventilation.
- Use only the AC adapters provided with the product, as other adapters may damage the product. Plug the adapters only into standard household current (100–240 volts AC). Place the AC adapters avoiding pinch points otherwise you can damage the adapters.
- When an AC adapter is plugged into a power source, DO NOT touch the exposed end of the AC adapter's cord.
- Do not use extension cords with the AC power adapters to avoid entanglement.
- This product should only be serviced by qualified and authorized Hanwha Techwin service centers.
- Images and sounds are transmitted by the product over public airwaves and transmissions may be picked up by other units. (Although the transmission distance is 100m or longer, it may vary depending on whether there are obstacles between the camera and the monitor.)
- Caution if you use the system to watch a young child, do not place the camera where the child can reach.
- When using the system with only battery power and the charge is low, then the picture and/or sound may be affected.
- If this occurs then please connect the AC power adapter.

The transmission range of the wireless signal may weaken if heavy obstructions such as a concrete, brick, or metal walls are between the camera and monitor, or if there are several Wi-Fi routers and devices in your environment.

To avoid interference with RF signal, keep your cell phone at least 3ft away from the Camera and Monitor.

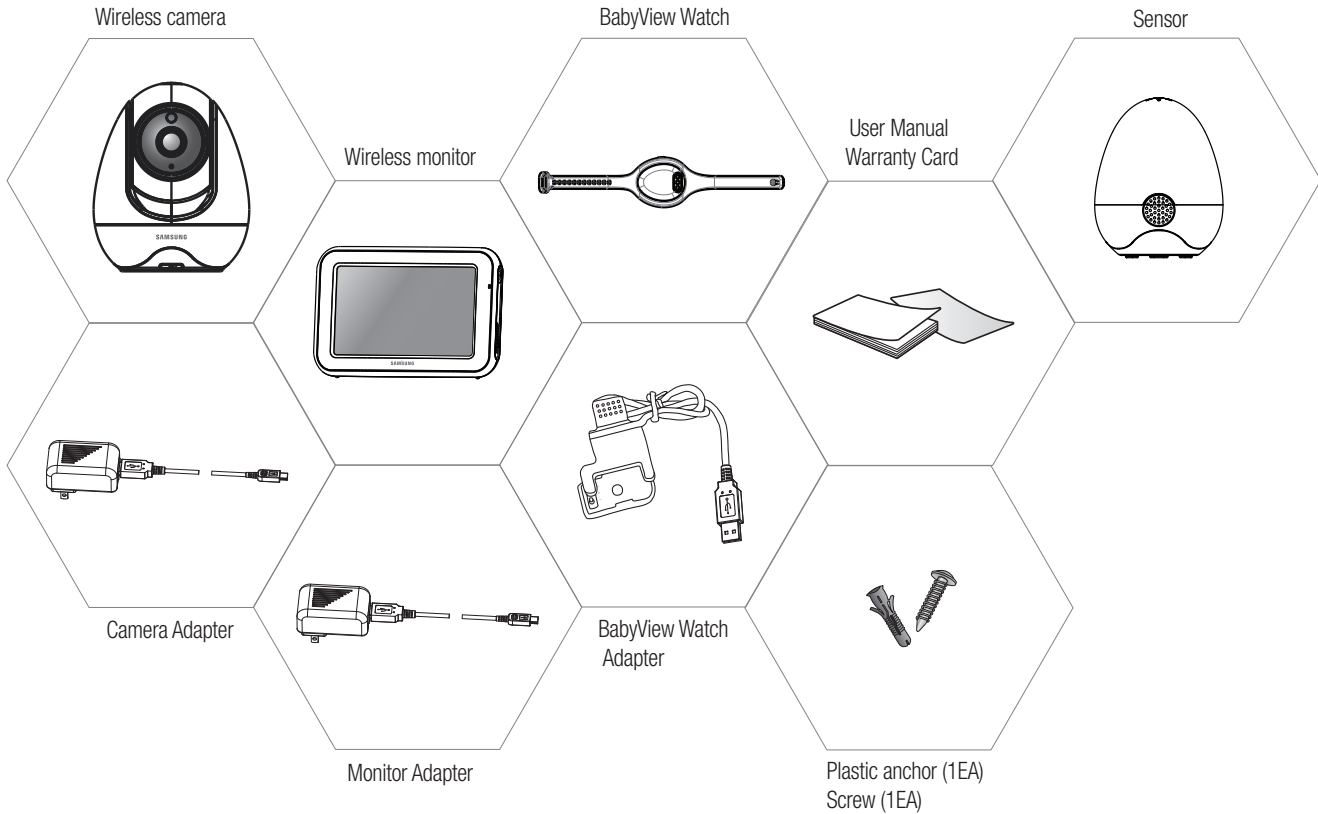
## **CAUTION**

Risk of explosion if battery is replaced by an incorrect type.  
Dispose of used batteries according to the instructions.

# Contents

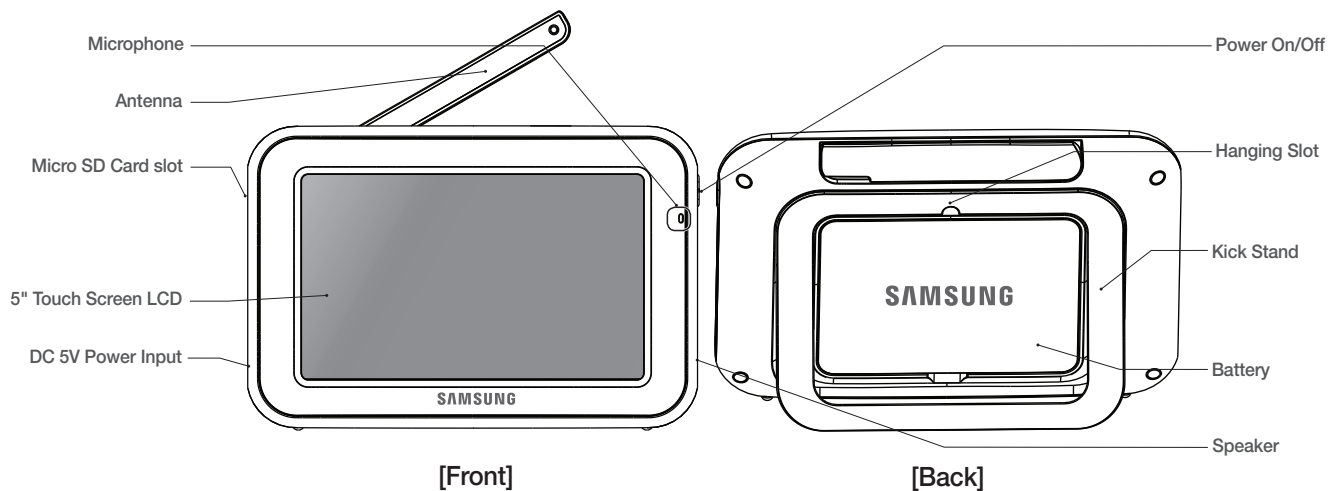
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# WHAT'S INCLUDED (PACKAGE CONTENTS)



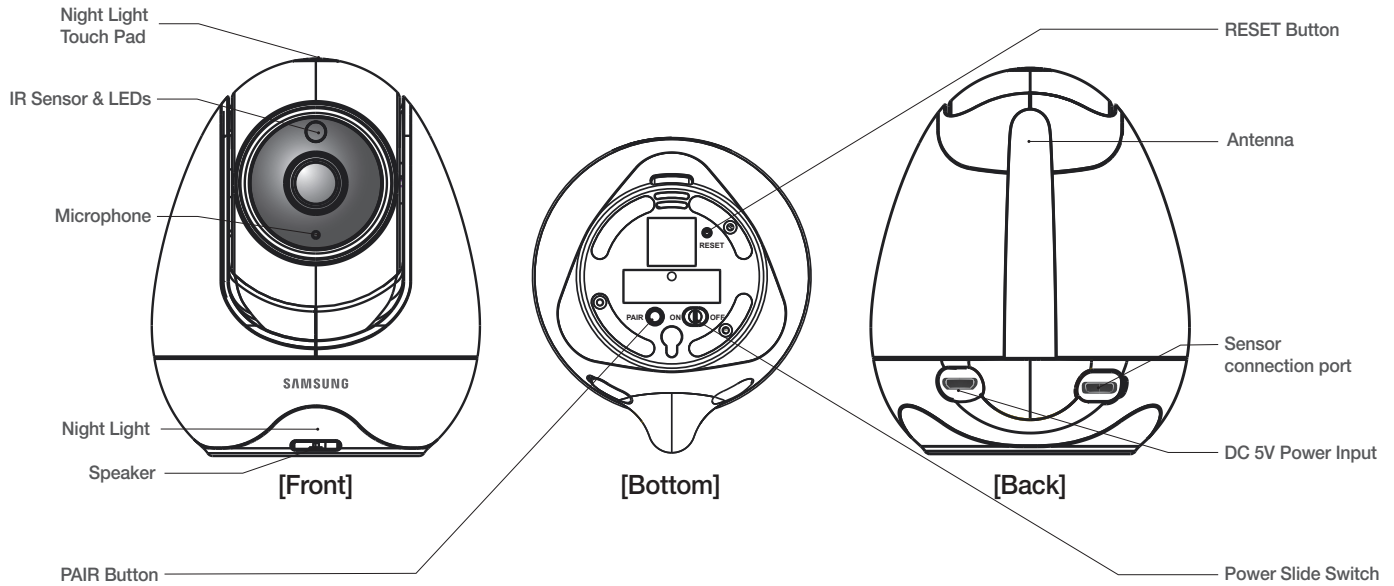
# PRODUCT OVERVIEW

## Wireless Monitor



- After opening the box, fully charge the monitor before use. After initial charge, recharge as needed.
- You must have more than one camera configured to the system when using functions that require more than one camera.
- BabyView supports micro SD cards up to 32GB for storage.

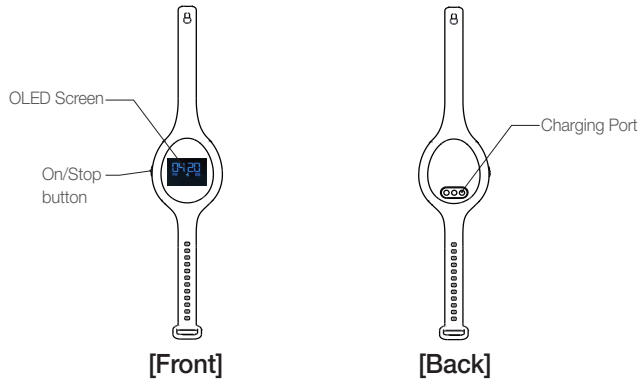
## Wireless Camera



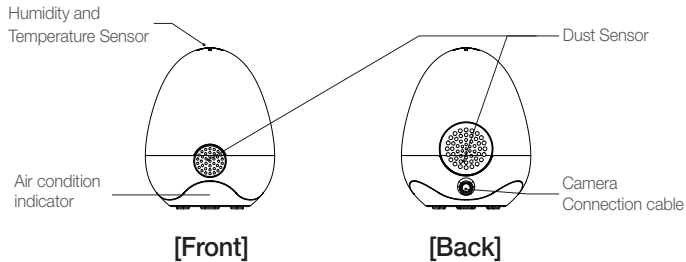
- The Night Light can be turned ON and OFF remotely only when the camera is paired to the monitor.
- If you want to reset the camera, please press the reset button  $\geq 3$ sec.



## BabyView Watch

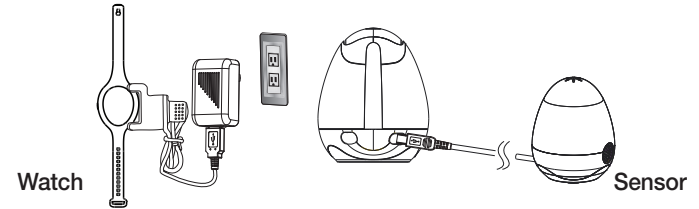
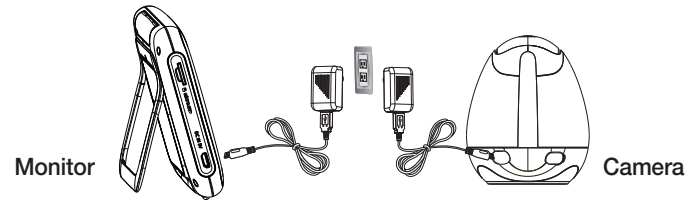


## Environment Sensor



## GETTING STARTED

### Powering Your system



1. Fully charge the system before use. Camera must be plugged in at all times.
2. Push the power button for about 4-5 second to turn on the monitor.
3. To turn the camera "On", press the power switch located on the bottom of the camera. A light will illuminate if it is turned on.



- The bluetooth watch can be charged by only using the provided power adapter.
- Only use the enclosed Camera Power adapter.
- Full charge time (Monitor - 50 ~ 60min, Watch - 7.5 ~ 8.0 hours)

## Pairing Camera and Monitor





The units already come paired for your convenience.





The pair button is used to pair additional cameras. You can assign numbers to the cameras.

To pair additional cameras: Quickly press the button. Do not hold down on the button. Up to 4 Cameras may be paired.

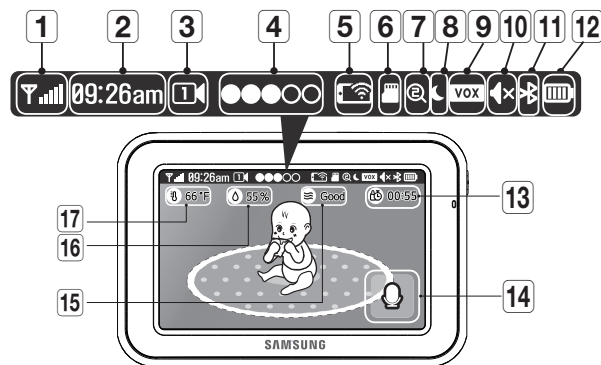
If you have additional camera, pair your camera as follow:





1. Power on wireless monitor and wireless camera.
2. Touch the live view screen on the monitor to make the settings icon appear.
3. Press the [  ] button on the monitor.
4. Select [  ] icon.
5. Select camera number.  
The monitor will search for the camera when set to pairing mode.  
A countdown clock will appear at the middle of the screen and will start counting from 30 to 0.
6. Press the [PAIR] button found on the bottom of the camera.
7. If the monitor successfully pairs with the camera within the 30 seconds, the monitor will automatically switch to the camera's current view.


















## Pairing BabyView Watch to your system




1. Make sure the monitor is turned on.
2. Touch the monitor screen, and the setting icon will appear.
3. Press the [  ] button on the monitor to show the "Menu" interface.
4. Select the [  ] icon on the monitor screen. It should be changed to [  ] icon.
5. The monitor will search for the Bluetooth watch. When the monitor and Bluetooth watch have paired successfully, the monitor will show that it has been paired, and an [  ] " icon will show up on the Bluetooth watch.

## Indicator Description



No.	Icon	Name	Description
1		Signal Indicator	Shows the strength of the signal being received from the camera. If an 'x' shows up on the signal bar, then the system is "out of range".
2		Digital Clock	Displays the time that is set on the monitor.
3		Camera Number	Indicates which camera is being displayed on the current screen.
4		Sound level	Indicates the sound level of the Active Camera.

No.	Icon	Name	Description
5		Remote monitoring	Indicates remote monitoring status. When remote monitoring is turned on, the camera works in dual mode(RF & Wi-Fi).
6		SD card status	 No SD card  SD card is not supported or has insufficient storage.  SD card installed
7		Zoom mode	Indicates Zoom mode. x1/x1.5/x2
8		Night Vision	Indicates that the camera's night vision mode is on.
9		Vox on/off condition	Indicates whether the VOX function is On/Off.
10		Monitor Speaker Mute	Indicates the monitor's speaker is muted.
11		Bluetooth Connection	Indicates whether the Bluetooth is On or Off.
12		Battery Power Level	 Fully Charged  Charging (If the battery fully charged, above 2 icons show alternately)  Low Battery
13		Feed time	Reminder for baby's feeding time.
14		Two-way talk	Press the [  ] icon while talking.

No.	Icon	Name	Description
15		Air quality display	Good (Green) ; Normal (Yellow) ; Bad (Red)
16		Humidity Display	Humidity Alert range : below 45% above 65%
17		Temperature Display	Notation unit : Fahrenheit/Celsius

### No Signal Warnings

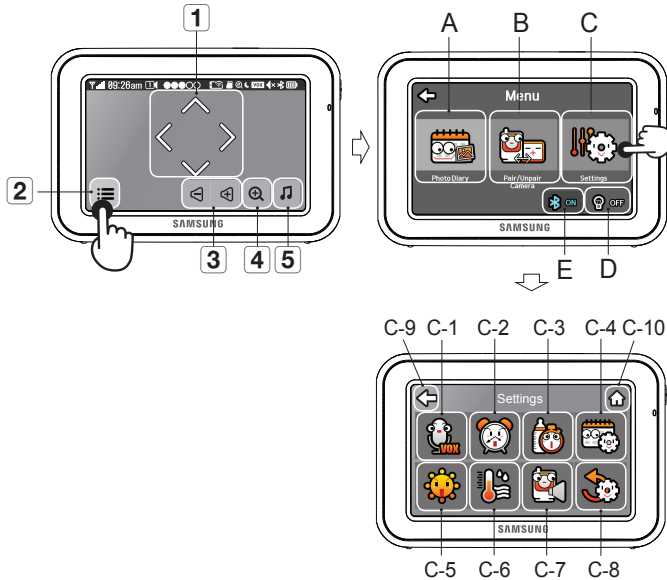
The "Out of Range" message means the monitor cannot access the camera.

Please reposition the camera, or check the camera power.










When your baby monitor displays the "Out of Range" message, please move the baby monitor closer to the camera.




# System Operation

Press the screen of the monitor to display the menu screen.



No.	Icon	Name	Description
1		Navigation Controls	Use the navigation [  ] icons to remotely Pan/Tilt the camera.
2		Menu Setting	Menu setting includes monitor and camera settings.
2-1		Multi View	Press [  /  ] button to switch to split mode. When two cameras are paired, there will be two displays. If there are more than two cameras paired, there will be four displays. Up to 4 cameras can be paired. You can't listen the audio from cameras.
2-2		Sequence View	Press [  ] button to change views between cameras. It will start at Cam 1, and will automatically switch to the next camera, Cam 2, after 10-seconds. The "Sequence View" will continue to change between cameras. If you want to see the detail from current viewing camera, then you just tap the screen.
3		Monitor Volume	Use the [  /  ] icons to adjust the monitor volume.
4		Zoom IN / Out	BabyView supports x1, x1.5, x2 digital zoom ratio.
5		Lullaby	Press the Lullaby icon to turn lullabies ON/OFF. Plays 4 pre-programmed songs.
A		Photo Diary	View your baby's pictures. To view the Photo Diary, please insert an SD card to your monitor first. BabyView supports micro SD cards up to 32GB for storage.

No.	Icon	Name	Description
B		Pair / Unpair Camera	You can connect up to 4 cameras to your system.
C		Settings	You can set up many functions from this setting menu.
D	 [Camera]	Night Light On/Off	Indicates if the night light is on or off. You can control the night light on the camera remotely or manually.
E		Bluetooth	You can connect to BabyView Watch using this icon and check the current connection status.
C-1		VOX	Set the VOX sensitivity to detect low or high sound levels.
C-2		Date & Time Setting	You can set up the system date&time.
C-3		Feed Timer	Set time intervals to feed your baby.
C-4		Photo Diary Setting	You can input your baby's birthday and select an ideal time for the camera to take a picture of your baby.
C-5		Brightness	You can adjust the brightness of each individual cameras.
C-6		Environment Sensor	You can choose the sensor alerts from this menu and set up the ideal temperature range.
C-7		Camera Speaker Volume	You can adjust the speaker volumes of each individual cameras: 5 being the loudest and 0 being mute.

No.	Icon	Name	Description
C-8		Reset	Reset the monitor back to its factory settings.
C-9		Go Back	Press the [↩] icon to save the changes and return to previous page.
C-10		Home	Press the [🏠] icon to return to the Live screen.

### Power Key Operation

Press Time	Power Off	Live View (VOX set to ON)	Live View (VOX set to OFF)	Multi view	Sequence view	VOX ON (include Audio Only)
Short Press (< 2 sec)	No Action	Go to VOX ON	Go to Audio only mode	No action	Go to Audio only mode	Turn ON
Long Press (≥ 2sec)	Turn ON	Turn OFF	Turn OFF	Turn OFF	Turn OFF	Turn OFF

# Function Description

## VOX (Voice activated)

Select to monitor and listen for significant sound levels with reduced ambient noise.

The screen goes off in "VOX" mode if there is no significant sound louder than a certain level about 30 seconds. The monitor screen turns back on as soon as it detects sound around the camera.



In "VOX" mode, you can set the sensitivity.

- Low Sound Level Detection : Sets to higher sensitivity.
- High Sound Level Detection : Sets to lower sensitivity.

Remark: When the VOX is triggered, the BabyView Watch will vibrate and show an alert. You can stop the vibration by pressing the button on the side of the bluetooth watch. When the bluetooth watch is outside the bluetooth range, it will vibrate for several seconds, which you can stop by pressing the button on the side.

## Photo Diary

This feature allows you to make a photo diary of your baby. Set the capture time and the camera will take a picture once a day in HD. The pictures will be stored to the micro SDcard. If you are not satisfied with the photo of the day, you can reset the capture time and the initial picture will automatically be replaced by the new picture.

## BabyView Watch

The watch communicates with the monitor via Bluetooth.

The watch notifies you of any sound detected in the baby's room via vibration and alert icon. If you want to receive alerts from the monitor,

- Please set the VOX ON from the menu.
- Please stay within range of the monitor.

The button on the side of the watch allows you to

- Turn off the vibration alerts
- Turn on the display to check the condition



- When you stop the vibration alert by pressing the button, it will not make additional alert from the same camera during 3min. After 3min, the watch will make vibration alert again. But if there's another VOX event from other cameras during this 3min, then the watch will make the vibration alert immediately.

## Environment Sensor

All data from the sensor are for general reference only and is not intended for professional use.

The sensor allows you to create a comfortable environment for your baby.

If you enabled alerts to your monitor, the sensor will send alerts based on the conditions below.

- Temperature: You can set the desired range from the monitor.
- Humidity: below 45% above 65%
- Air Quality: bad condition

The sensor shows the current air quality level of the room via LED light colors:Green/Yellow/Red.

## Dual-Mode monitoring

You can remotely monitor your baby via BabyView monitor and Wisenet BabyView App at the same time.

The quality from the mobile App may be low based on the network condition.

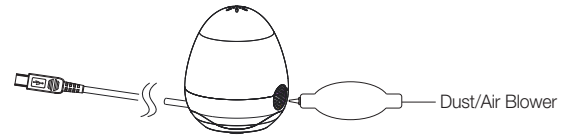
If you want to use dual-mode monitoring, please see the follow 'Mobile Application' guide.

## Clean sensor

If the dust sensor light remains red after cleaning the room, please use a dust/ air blower to clean the dust sensor vent. Then wipe the surface of the dust sensor fan with a cotton swab or cloth.

Please clean the sensor as stated above once every 3 - 6 months.

Please note that the dust/air blower is not included with the system.



# Mobile Application

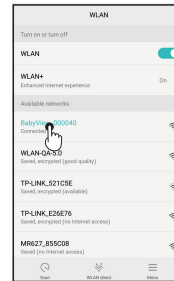
1. Go to the Google Play or Apple App Store to install the "BabyView" or "WiseNet BabyView" App ", onto your mobile phone.
2. Turn camera on.
3. Press the "reset" button on the camera.
4. Go to your phone's Wi-Fi network list and select "BabyView\_XXXXXX" which contains the last 6 characters of the camera's serial number located on the bottom of your camera (Picture 1).
5. Open the app and press "Tap here to add device (picture 2).
6. Scan the QR code found on the bottom of the camera or search, then enter in the default password "000000", and click "OK" when finished (picture 3-5).

The monitor will show a "remote" icon on the screen when remotely connected to the baby unit via "BabyView" App.

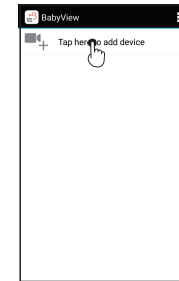
7. When your camera is connected it will indicate that it is "online"  
Press the down arrow and select "Edit Device" → "Advanced" → "Manage Wi-Fi networks" (picture 6-9).
8. Select your local Wi-Fi network and enter the password (picture 10-11).
9. Make sure the SSID says "Connected" Press "OK" until you are directed back to the camera list. To start live-viewing, select the registered camera from the list and modify your password.



- This app is intended for remote viewing with limited functionalities. Main controls are available on the parent unit (monitor). In order to add additional smart devices to the camera. Please directly scan the QR code at the bottom of the camera that you wish to pair with, and input the existing Password for the camera.



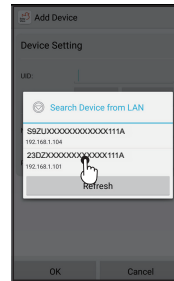
picture 1



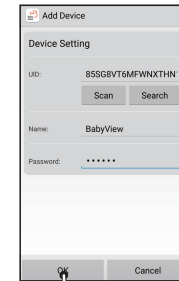
picture 2



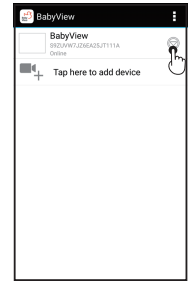
picture 3



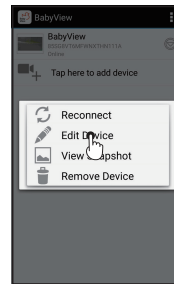
picture 4



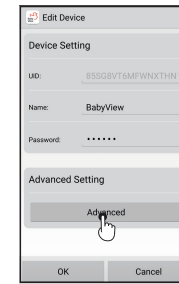
picture 5



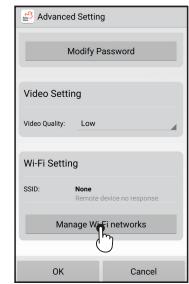
picture 6



picture 7



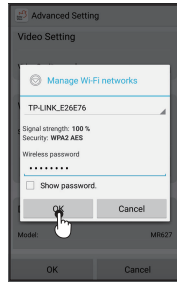
picture 8



picture 9



picture10



picture11

## HOW TO INSTALL

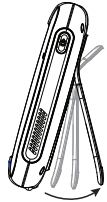
**CAUTION:** If you use the system to watch a young child, do not place the camera within the child's reach.

### Wireless Monitor

1. Place the monitor in an area that provides clear reception to your camera(s).
2. Pull out the stand.



- Do not pull up the stand lever with excessive force.



### Wireless Camera

Before you install the camera, carefully plan where and how it will be positioned, and where you will route the cable that connects the camera to the power adapter.

Before starting permanent installation, verify its performance by observing the image on the monitor when camera is positioned in the same location/position where it will be permanently installed and the monitor is placed in the location where it will be used most of the time.

### Installation Warnings

Aim the camera(s) to best optimize the viewing area: Select a location for the camera that provides a clear view of the area you want to monitor, which is free from dust, and is not in line-of-sight to a strong light source or direct sunlight.

Avoid installing the camera where there are thick walls or obstructions between the camera and the monitor.

**STRANGULATION HAZARD** - Keep cord out of child's reach. NEVER place camera or cords within 3 feet of crib or playpen. Never use extension cords with AC Adapters. Only use the AC Adapters provided.



### 1. Carefully unpack the camera.

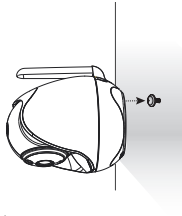
If you are installing cameras that did not come with the system, please see the pairing camera section of this manual for details on installation.

### 2. Mount the camera to the wall.

Mark the position of the screw hole on the wall, and drill a hole and insert a screw. Then firmly attach the camera to the wall by placing the stand over the installed screw and pushing the base downwards.



- To install on a concrete wall, drill a hole and use plastic anchor to fix.
- The camera can also be placed on a flat surface, such as a table or shelf, and no mounting hardware is required.

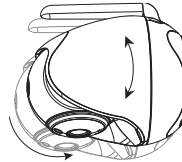


### 3. Adjust the viewing angle of the camera.

Use the Pan, tilt control from the monitor to adjust the viewing angle of the camera.



- Adjusting the camera with excessive force may damage the unit.



## TROUBLE SHOOTING

Problem	Solution
No picture from a camera	<ol style="list-style-type: none"><li>1. Check all connections to the camera. Make sure the adapter is plugged in.</li><li>2. Make sure that the cameras and monitor are both ON.</li><li>3. Make sure that the camera is in range of the monitor.</li><li>4. Make sure the camera and monitor are paired.</li><li>5. Adjust the monitor antenna to a vertical position.</li></ol>
The picture is or has become choppy	<p>The picture may become choppy when experiencing a lower frame rate (i.e. 10 frames per second vs. a higher 20 frames per second).</p> <ol style="list-style-type: none"><li>1. Try moving the camera closer to the monitor.</li><li>2. Remove obstructions between the monitor and camera.</li><li>3. Adjust the monitor antenna to a vertical position.</li></ol>
No sounds (even with both units turned on)	<ol style="list-style-type: none"><li>1. Make sure that the power adapter is connected to the camera.</li><li>2. The battery on the monitor may be dead, be sure to charge it using the adapter included.</li><li>3. The monitor may be out of range from the camera.</li></ol>
Your BrightVIEW is emitting an high pitched noise/ feedback.	<p>This sound is normal feedback which occurs if the monitor and camera are too close together. Move them further apart.</p>
Monitor screen is frozen.	<p>Restart your monitor and check the connection to the camera. If the baby monitor displays the "Out of Range" message, move the monitor closer to the camera.</p>



- Low batteries will cause the supply current to become unstable and will affect the quality of the video/audio. Please charge the battery fully for use for superior video.

# PRODUCT SPECIFICATION

Item	Details
<b>System General</b>	
Operating Frequency Range	2.4GHz (Wi-Fi), 2.4GHz (FHSS)
Transmitting Power	17dBm(FHSS)/802.11b 11Mbps: 18+/-1dBm 802.11g 54Mbps: 16+/-1dBm 802.11n 135Mbps: 15+/-1dBm (Wi-Fi)
Monitor Sensitivity	-88dBm (FHSS)/135M: -68dBm @10%PER;54M: -74dBm @10%PER;11M: -89dBm@8%PER (Wi-Fi)
Type of Spread Spectrum TX	FHSS, Wi-Fi
Type of Modulation	FHSS (GFSK)/802.11b FHSS(CCK,DQPSK,DBPSK),802.11g/n: OFDM (BPSK,QPSK,16-QAM,64-QAM)
Data Rate	FHSS (4Mbps), Wi-Fi (802.11b: 11,5,5.5,1Mbps;802.11g: 54,48,36,24,18,12,9,6Mbps;802.11n: 150Mbps Max)
Transmission range	RF Only 900 ft (Line of Site) *The transmission range of the wireless signal may weaken according to your environment.
<b>Wireless Camera</b>	
Image Sensor Type	1/4" Color CMOS Image Sensor
Effective Pixel	H: 1280, V: 1024
Resolution	High : MAX 1.7 Mbps(~10fps@1280x720), Low : MAX 0.7 Mbps(~10fps@704x480)
Image Compression	MPEG4
Max.Framerate	20fps @704x480
Streaming Capability	Uni
IP	IPv4
Protocol	UDP, RTSP, NTP, DHCP, HTTP
Streaming Method	Unicast
Max. User Access	4 Users * The number of available concurrent users for a single camera may vary depending on the speed of your Wi-Fi router.

Item	Details
White Balance	Auto
Lens	EFL=3.95mm, F=2.2
Viewing Angle (Diagonal)	55 degree
IR LED Type/ Night Vision	IR LED – 940nm /5m
Lullabies	4 songs (Monitor Remote On / Off)
Night Light	Yes (Manual & Remote On/Off)
Power Requirement	DC 5V ± 10%
Power Consumption	4.5Watt (Normal) 6.0Watt(IR On)
VOX level detection	Low: 50dBA / High: 60dBA
Operating Temperature Range	0°C~+40°C
Operating Humidity Range	85% RH
Environment Rating	Indoor use only
Pan Angle	300°
Panning/tilt Speed	12 degree per sec.
Tilt Angle	110°
Regulation Compliance	FCC/CE/IC (Canada certification)
RoHS Compliance	Yes for CE version only
Audio	Built in Microphone/ Speaker
Weight	256g
<b>Wireless Monitor</b>	
Display Type/Size	Color TFT 5"
Resolution	800X480
Touchscreen	Resistive touch type
SD card slot	Yes (Micro SD / not included)
Digital Zoom	X1.5, x2
Real Time Clock (RTC)	+/- 4sec / day

Item	Details
Feed Timer Alert	Yes (beep sound)
sensor temperature alert range (User range)	0°C ~ 40°C
Sensor Alert range (can't change by users)	Humidity range : below 45% above 65% Air quality : bad condition
Wrist band alert	Bluetooth connection
Number of Camera Support	Up to 4 cameras
Power Requirement	Adapter : DC 5V ± 10%, Battery : 3.8 Li-ion
Power Consumption	5.5Watt (max)
Operating Temperature Range	0°C~ +40°C
Operating Humidity Range	85% RH
Environment Rating	Indoor use only
Regulation Compliance	FCC/CE/IC (Canada certification)
RoHS Compliance	Yes for CE version only
Audio	Built in Microphone/ Speaker
Other Special Feature	Bluetooth Sensor connection, Volume control, Pairing
Battery Type	Li-ion
Battery Capacity	2500mAh Rechargeable battery pack, Replaceable
Battery time duration	Min 4 hours (Video on)
Weight	224g
Wireless wrist band	
Material for band	Soft Silicon
Alert Method	Vibration
Battery Type	Li-ion (38mAh Rechargeable battery)

Item	Details
Display	Digital watch / Battery check / connection check
Control part	push toggle
Transmission range	10 meters
Weight / Strip length	9g/150 - 220mm (adjustable range for length)
Sensor	
Temperature sensor	Yes (+/-2 degree),
Humidity sensor	Yes (+/-3%)
Air quality sensor (Dust)	Yes (Dust)
Sensor light	Good (Green) ; Normal (Yellow) ; Bad (Red)
Weight	69g



- All data from the sensor are for general reference only and is not intended for professional use.



Hanwha Techwin cares for the environment at all product manufacturing stages, and is taking measures to provide customers with more environmentally friendly products. The Eco mark represents Hanwha Techwin's devotion to creating environmentally friendly products, and indicates that the product satisfies the EU RoHS Directive.



### Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems.)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.



### Correct Disposal of This Product

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



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