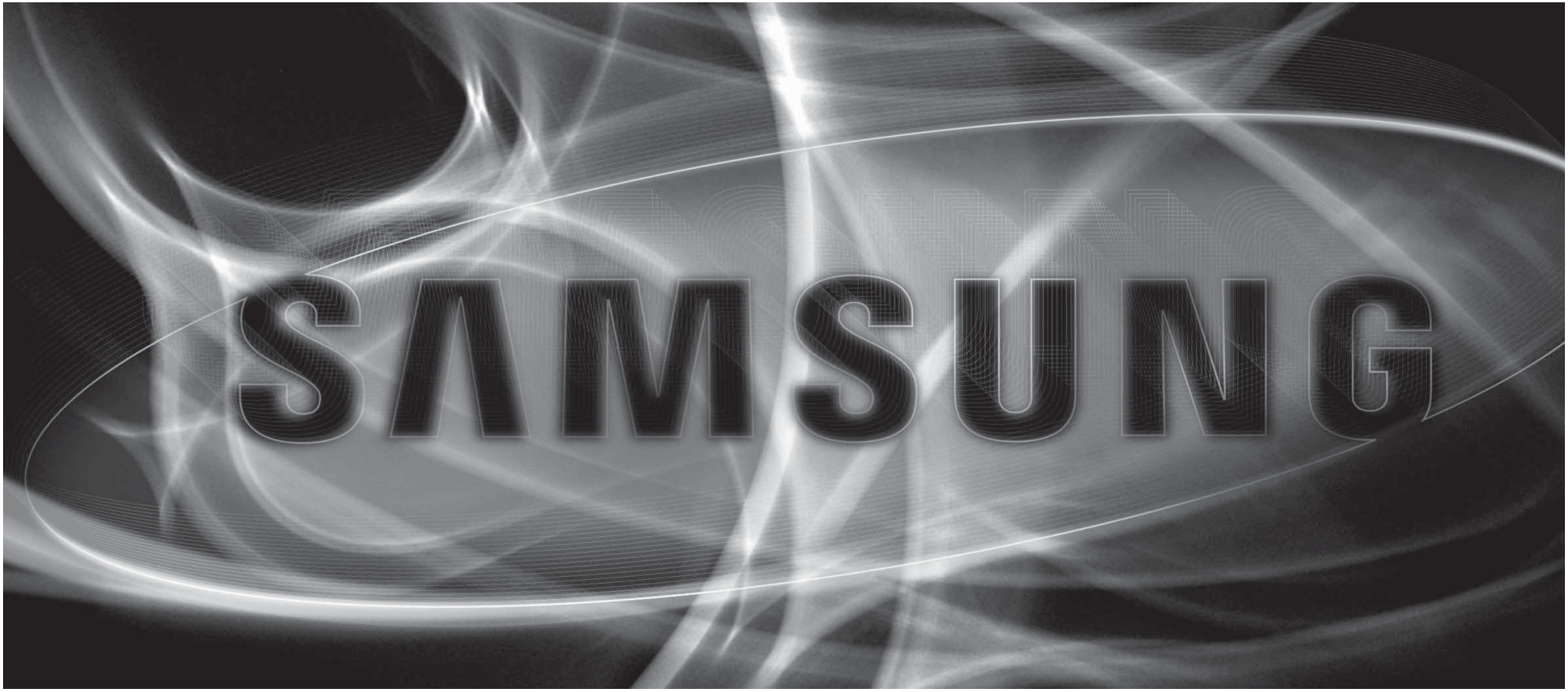
RealVIEW
User Manual

SEW-3042W



English

SAMSUNG

RealVIEW
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.

For wireless camera only(FCC ID: NLMSEB101BRWN)
To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operation in conjunction with any other antenna or transmitter.
This equipment complies with FCC

SPECIFY SERVICE INSTRUCTIONS AND WARRANTY TERMS

FCC Caution :

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Note :
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 try to correct the interference by one or more of the following measures:

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

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, if 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.

The wireless signal transfer range may be shortened if an obstacle such as a concrete wall is in between the camera and monitor.

- 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 Samsung 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 affected.
- If this occurs then please connect the AC power adapter.

CAUTION

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

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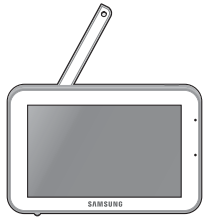
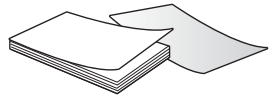
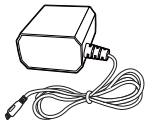
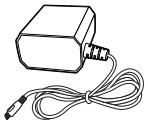
What's Included

Package Contents

The system comes with the following components:

		
Wireless camera	Wireless monitor	User Manual & Warranty Card
		
Camera Adapter	Monitor Adapter	Screws (2EA) & Plastic anchors (2EA)

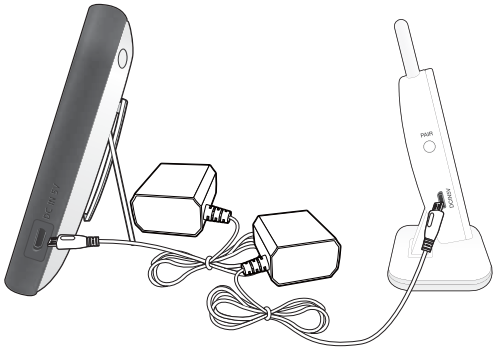
Check your package to confirm that you have received the complete system, including all components shown above.

GETTING STARTED

Functional Description

Powering your monitor

After opening the box, fully charge the monitor before use. After initial charge, recharge as needed.



Wireless Camera

The Wireless Camera must be plugged in at all times in order to view.

Wireless Monitor

You can use the device while charging with connected adapter, and the device is portable if charged.

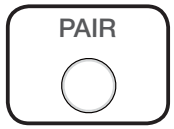
- Check if the Power LEDs of wireless monitor is turned on.

Operating the System

The basic operation is as follows:

Pairing

The units already come paired for your convenience. This button is used to add an additional camera. User can select camera number to assign. Up to 4 Cameras may be paired.



1. Power on wireless monitor and wireless camera.
   The power LED for the monitor should be ON.
2. Touch the live view screen on the monitor, and then the settings icon will appear.
3. Press the [⚙] button on the monitor.
4. Select [ ] icon.
5. Select camera number.
   The monitor search a camera which sets to pairing mode.
   A count down clock appears at the middle of screen which starts counting from 30 to 0.
6. Press the [**PAIR**] button on the camera.
7. Within 30 seconds, if the monitor successfully pairs with the camera, the monitor will automatically switch to the camera's current view.

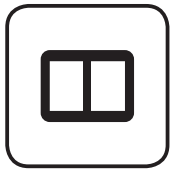
Voice activated (VOX)

Select to monitor significant sound 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. Meanwhile, the monitor screen turns on as soon as detecting 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.

Multi camera mode

Press [▭ / ⊞] switch the split mode.
According to the paired camera, screen split mode is different. When two cameras are paired, it displays as 2-split mode.
When there are more than 2 cameras are paired, it displays as 4 split mode.
Up to 4 cameras can be paired.



Out of Range

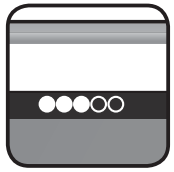
If the monitor is outside of transmission range with the paired camera, the "**Out of Range**" message appears with warning beeps at regular intervals.

Two-way talk

Press the [🎧] icon while talking.

Sound level

The louder the sound around the camera, the more LEDs turn on.



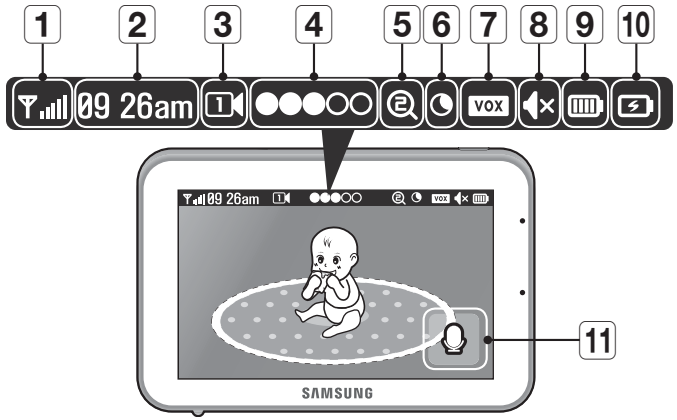
Portable monitoring

Slide the belt clip upwards to use the integrated belt clip on the monitor. When not in use, please push the clip back to its original position.

VIEWING MODE DISPLAY

Indicator Description

How to use the indicator



1 Signal Indicator

The signal indicator shows the strength of the signal being received from the camera.
The number of bars in the signal indicator shows the strength of the signal – One or no bars indicate the signal is poor, and 5 bars indicate a strong signal.

2 Digital Clock

Displays the time that is set on the monitor. It only provides AM / PM time format and no 24hour format.

3 Camera Number

Indicates which camera is being displayed on the current screen. When scan mode is selected, this icon will flash.

4 Sound level Indicator

Indicate the sound level of the Active Camera.

5 x1/x1.5/x2 Zoom mode

Indicates that current screen is Zoomed in. Press [ ] icon on the monitor to zoom back out.

6 Night Vision Indicator

Indicates camera night vision mode is turned on.
The screen will appear in Black/White in this mode.

7 VOX On

Indicates you select Low Sound level detection or High Sound level detection in VOX menu.

8 Monitor Speaker Mute

Indicates the monitor speaker is muted. Once the monitor's speaker is muted, no sound from the camera is produced.

9 Battery Capacity Level

Indicates remaining battery charge. Indicated in 4 levels, and one discharge warning.

10 Charging

Indicates the battery is charging by DC input power. If battery nearly empty, it will flash to alert user to charge up the unit.

11 Two-way talk

Press the [ ] icon while talking.

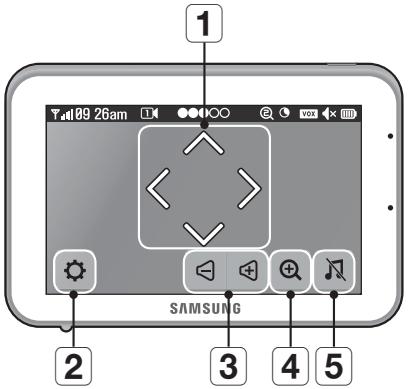
No Signal Warnings

The "**Out of Range**" message means the monitor cannot access the camera.
Please reposition the camera, or check the camera power.

Menu Operation

How to use the function tools

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



1 Navigation Controls

Using the navigation [ ] icons, you can move screen around in x1.5 or x2 zoom mode.

2 Menu Setting

Menu setting mode is including monitor and camera settings.

3 Monitor Volume

Using the [/] icons, you can adjust the monitor volume.

4 Zoom IN / Zoom Out

When x1/x1.5 Zoom mode, the magnifier icon is [ ] inside, means press this icon will zoom in video image. When x2 Zoom mode, the magnifier icon is [ ] inside, means press this icon will zoom out video image.

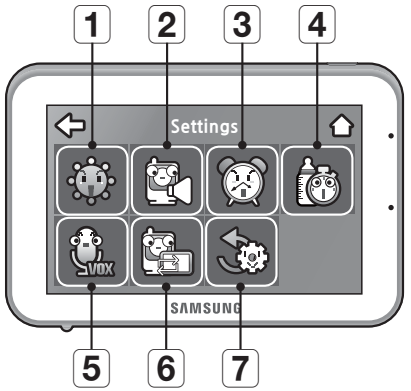
5 Lullaby

Press the icon to turn on and turn off lullabies.

How to use the setup icon

After configuring the settings, press the [ ] icon to save the changes.

To return to the Live screen, press the [ ] icon.



1 Brightness

Adjusts the brightness of the image shown. If you are using multiple camera, you can adjust the brightness of each individual camera.

2 Set Camera Speaker Volume

Adjust the volume of the speaker on the camera in this menu. The volume can be adjusted from 0 to 5, with 5 being the loudest setting and 0 is mute.

3 Time Setting

Set the time shown on the monitor. Use the [ ] or [ ] icon to change the numbers in the selected field.

4 Feed Timer

Set the feed time shown on the monitor. Use the [ ] or [ ] icon to change the numbers in the selected field.

5 Camera VOX Sensitivity

If not in "**VOX**" mode, [VOX] icon is not displayed.
In VOX mode, you can select "**Low Sound Level Detection**" or "**High Sound Level Detection**". If set to "**Low Sound Level Detection**", monitor can be triggered by lower audio level than "**High Sound Level Detection**" setting.

- Audio Only Mode :Video will turn on 30 seconds and then video will turn off, monitor speaker is still playing camera background sound.
- Continuous Video and Audio Mode : Video will not turn off and always streaming video all the time.
  When you press Power Key, Monitor will be automatically switched to Low Sound Level Detection mode.
- Low Sound Level Detection : Small baby cry level can trigger video to turn on for 30 seconds, then back to stand-by.
- High Sound Level Detection : Loud baby cry level can trigger video to turn on for 30 seconds, then back to stand-by.

6 Pairing

You can register a wireless camera with the monitor using the registration menu where you can view the video of the selected wireless camera.

7 Reset

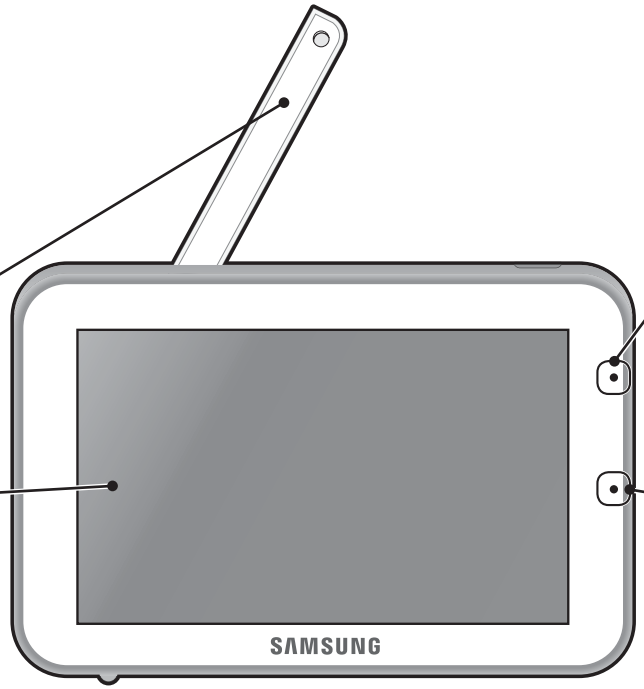
Choose <**YES**> to reset the monitor to factory defaults.
All settings except for time information will be reset to the factory defaults.

Getting to know your Monitoring system

Wireless Monitor

After opening the box, fully charge the monitor before use. After initial charge, recharge as needed.

Front Controls



Monitor Antenna
Receives and sends signals from or to the camera.

5" LCD Screen
Displays video from the camera.

Power LED
When the monitor is being recharged or monitor has low electricity, red light flashes.
When the monitor is working, the LED becomes solid red light.

Microphone
Transmits audio to the camera when [ ] icon is pressed down and held like a walkie talkie.

✧ Navigation Controls

Viewing Mode: The following controls are used while watching live video from the camera:

- Press [ ] icon to zoom in/out the screen.
  While in zooming, use [ ] icon to move the screen around.

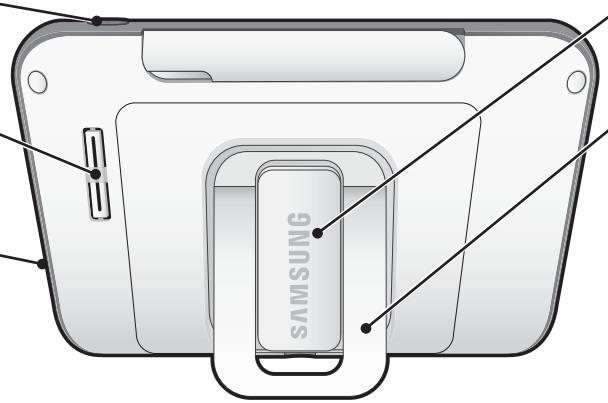
Menu Mode: Press the [ ] icon to confirm the menu selection.

Back Controls

Power On/Off
Turn on/off the wireless monitor.

Speaker
Produces the sound transmitted from the camera(s).

DC 5V Power Input
Connect the included AC power adapter to power and/or charge the monitor battery. (when the monitor is not placed in the optional Charge cradle).



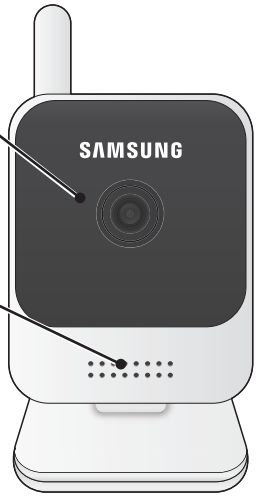
Belt Clip
When you carry the monitor, use the belt hanger to hold the monitor onto your belt.

Kick Stand
Use to hold the monitor onto a table.

- You must have more than one camera configured on the system when using the functions that requires more than one camera.

Wireless Camera

Front & Back Controls



IR LEDs
Infrared LED's provide viewing in no / low light conditions.

Microphone
Receives sounds for the area near the camera, and transmits sound from the camera to the monitor.

Camera Antenna
Sends & receives signals to or from the monitor.

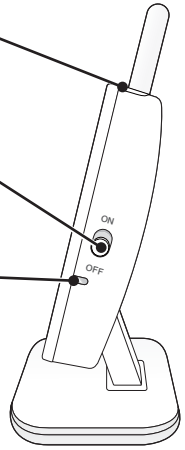
Speaker
Produces the sound transmitted from the monitor.

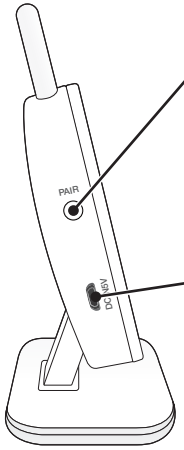
Side & Bottom Controls

Night vision sensor
Detects light levels where the camera is placed.

Power Slide Switch
Turns the camera ON or OFF.

Power LED
LED turns on when powered.





PAIRING Button
Press this button to pair with a monitor.

DC 5V Power Input
Connect the adapter to the camera.

INSTALLATION

How to Install

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

Wireless Monitor

1. Place the monitor in a place that will have clear reception with your camera(s).
2. Pull out the stand.

- Do not pull up the stand lever with an 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.

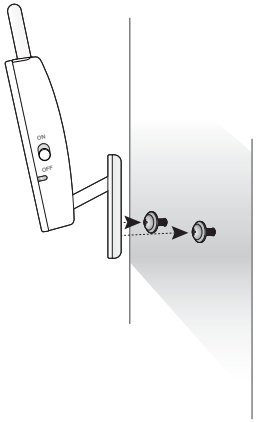
Installation Warnings

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.

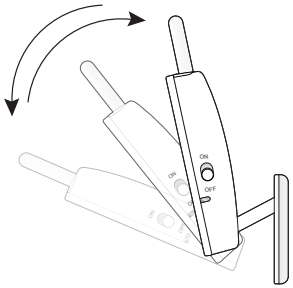
1. **Carefully unpack the camera.**
   If you are installing cameras that did not come with the system, please see the pairing camera section of this manual for details on installation.
2. **Mount the camera to the wall.**
   Mark the position of the screw holes on the wall, and drill holes and insert 2 screws, then firmly attach the camera to the wall by placing the stand over the installed screws and pushing the base downwards.



- To install on a concrete wall, drill a hole and use plastic anchor to fix.
- Use the drilling template to drill holes on the wall for camera installation. (Page 18)
- 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.**

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



APPENDIX

Specifications

Item	Details
System General	
Operating Frequency Range	2400 MHz~2483.5 MHz
Transmitting Power	16.6 dBm Max.
Monitor Sensitivity	-88dBm
Type of Spread Spectrum TX	FHSS
Type of Modulation	GFSK
Data Rate	4Mbps
Transmission range	Outdoor 300 m (Eye of Sight)
Wireless Camera	
Image Sensor Type	1/4" Color CMOS Image Sensor
Effective Pixel	H: 1280, V: 1024
Resolution	1280x720
Image Compression	MPEG4
White Balance	Auto
Lens	EFL=4.5mm, F=2.0
Viewing Angle (Diagonal)	55 degree
IR LED Type/ Night Vision	8pcs IR LED – 940nm / 5m
Lullabies	4 songs (Monitor Remote On / Off)
Night Light	No
Loud Speaker Output	0.8W, 95dB spl
Power Requirement	DC 5V ± 10%
Power Consumption	3.9Watt (max)
VOX level detection	High: 50dBA / Low: 60dBA
Operating Temperature Range	0°C~+40°C
Operating Humidity Range	85% RH
Environment Rating	Indoor use only
Pan Angle	Not support
Tilt Angle	100°
Regulation Compliance	FCC/CE
RoHS Compliance	Yes for CE version only
Audio	Built in Microphone/ Speaker
Weight	108g
Wireless Monitor	
Display Type/Size	Color TFT 5"
Resolution	800X480
Viewing Angle	12 o'clock
Digital Zoom	x1, x1.5, x2
Real Time Clock (RTC)	+/- 2sec / day
Feed Timer Alert	Yes (beep sound)
Number of Camera Support	Up to 4 cameras
Power Requirement	Adapter : DC 5V ± 10%, Battery : 3.8 Li-ion
Loud Speaker Output	1W, 85dB spl
Power Consumption	6.7 Watt (max)
Operating Temperature Range	0°C~+40°C
Operating Humidity Range	85% RH
Environment Rating	Indoor use only
Regulation Compliance	FCC/CE
RoHS Compliance	Yes for CE version only

Item	Details
Audio	Built in Microphone/ Speaker
Other Special Feature	Volume control, Pairing
Battery Type	Li-on
Battery Capacity	2500mAh, Replaceble
Battery time duration	Min 4 hours
Weight	239g (battery inside)

Troubleshooting

Problem	Solution
No picture from a camera	1. Check all connections to the camera. Make sure the adapter is plugged in. 2. Make sure that the cameras and monitor are both ON. 3. Make sure that the camera is in range of the monitor. 4. Make sure the camera and monitor are paired. 5. Adjust the monitor antenna to vertical position.
The picture is or has become choppy	The picture may become choppy when experiencing a lower frame rate (i.e. 10 frames per second vs. a higher 20 frames per second). 1. Try moving the camera closer to the monitor. 2. Remove obstructions between the monitor and camera. 3. Adjust the monitor antenna to vertical position.
No sounds (even with both units turned on)	1. Make sure that the power adapter is connected to the camera. 2. The battery on the monitor may be dead, be sure to charge it using the adapter included. 3. The monitor may be out of range of the camera; be sure to check if the Range LED in on continuously.
Your RealVIEW is emitting an high pitched noise/ feedback.	This sound is normal feedback which occurs if the monitor and camera are too close together. Move them further apart.

- 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.

Samsung 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 Samsung 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)

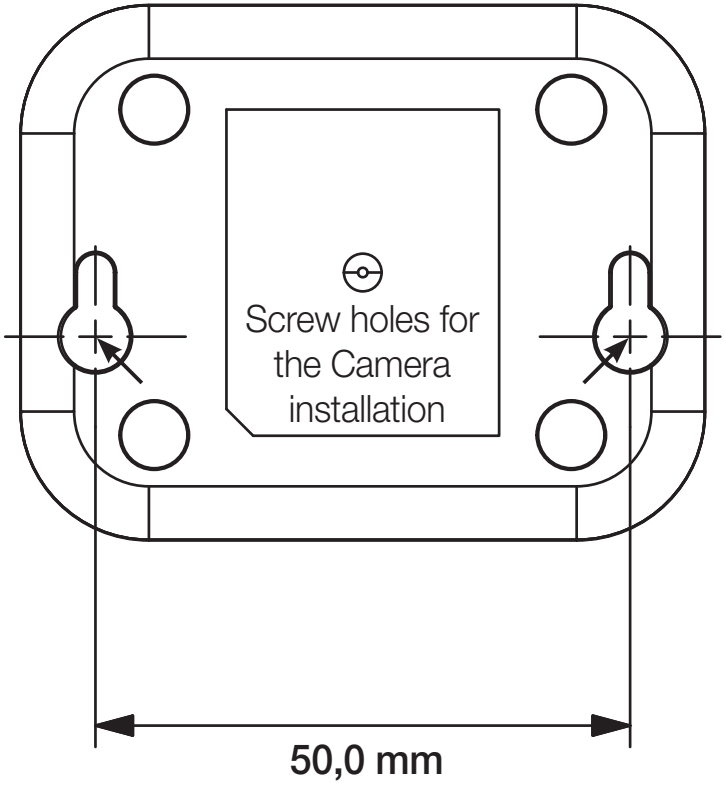
This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled 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.

TEMPLATE

This template is used to install the camera on the wall.



MEMO

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