

### EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Made in China

<http://www.vantrue.net>

# VANTRUE

## AngelGuard A1



# User Manual

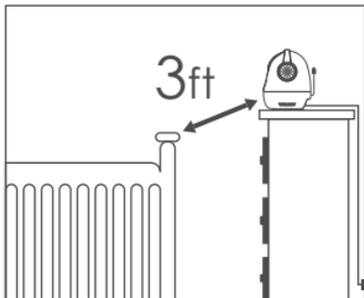
## 2.4GHz Wireless Video Baby Monitor

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# 1. Safety Instructions

## WARNINGS:



- Keep cord out of the reach of children (more than 3ft/0.9m away) in case of STRANGULATION.
- NEVER place camera or cords within the cot/crib.
- Secure the cord at least three feet away from crib or playpen.
- Never use extension cords with AC Adapters. Only use the AC Adapters provided.
- Always unplug AC adapters from wall outlets and power sources during periods of non-use.
- Do not touch the plug contacts with sharp or metal objects.
- Do not allow water damage to the monitor unit, charging port, or charging cable which cause overheat of the charging components.
- Do not use unofficial third party charging cables and adapters to charge the device. This may result in overheat of the charging port. Only use the charging cables and adapters provided in the box.

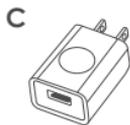
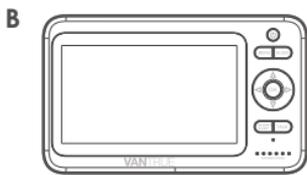
## CAUTION:

- This product is not a toy. Do not allow children to play with them.
- This product is not intended for use as a medical monitor and its use should not replace adult supervision.
- Before using this product, read and follow all instructions and warnings contained in this booklet.
- Intended for indoor use only.

- Adult assembly is required. Keep small parts away from children when assembling.
- Test monitor before use and after changing camera location. Check reception regularly. Obstacles, such as concrete walls, may shorten the wireless signal transfer range.
- This product is not intended to replace proper adult vision of children.
- You must check your child's activity regularly, as this product will not alert parents to silent activities of a child.
- Microphone feedback might occur when the monitor is too close to the camera. Please keep them at least 3m/9.8ft apart.

## 2. Product Overview

### 2.1 Pack Contents



**A. 1x Camera Unit**

**B. 1x Monitor Unit**

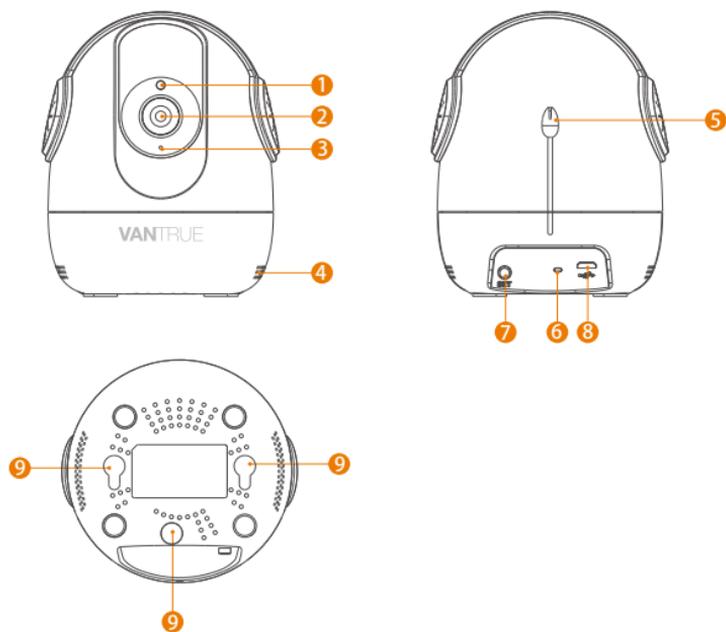
**C. 2x USB Power Adapter**

**D. 2x Power Cable (6.56ft)**

**E. 1x User Manual**

## 2.2 Baby Monitor Overview

### A. Camera



1. Camera Sensor

2. Lens

3. Microphone

4. Speaker

5. Temperature Sensor

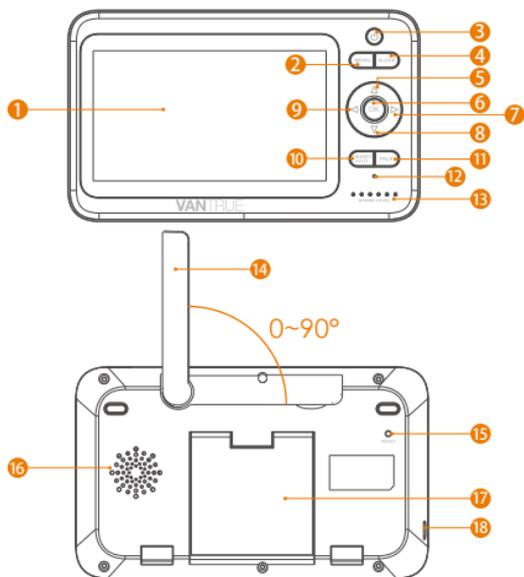
6. Indicator LED

7. Set/Pair Button

8. Micro USB Port

9. Mounting Hole

## B. Baby Monitor



1. Screen

2. Menu Button/Return

3. Power ON/OFF Button

4. Sleep Button

5. Turn UP/Brightness+

6. Confirm Button/Zoom button

7. Turn Right/ Volume+

8. Turn Down/Brightness-

9. Turn Left/Volume-

10. Shortcut Button

11. Dialogue Key-→Talking Key

12. Microphone

13. Status Indicator

14. Antenna

15. RESET Button

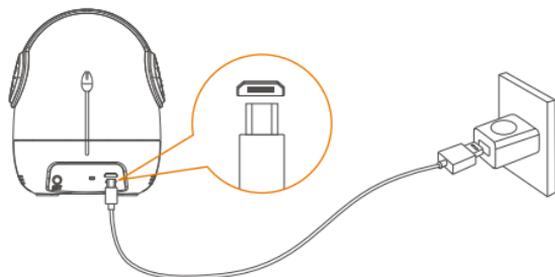
16. Speaker

17. Support Stand

18. Micro USB Charging Port

## 3. Getting Started

### 3.1 Powering the Camera

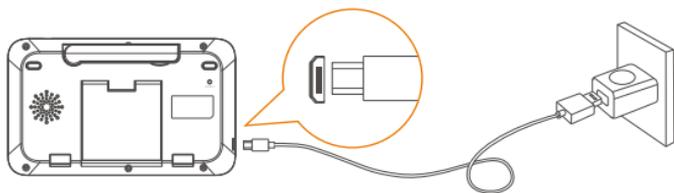


- 1) Insert one end of the included charging cable into the USB jack on the back of the camera.
- 2) Insert the other end into the included power adapter. Then insert the adapter into the socket.

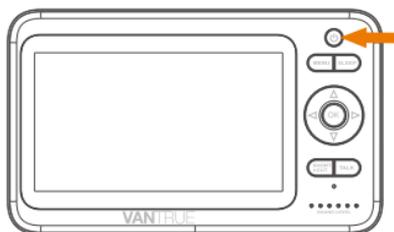
After being powered on, the camera will automatically turn on. (The green light on the base of the camera is on for a few seconds. At this point, the camera is turned on successfully).

### 3.2 Powering the Camera

- 1) Charge the monitor via the supplied charging cable and adapter (The monitor is provided with a lithium battery, if the monitor has enough power, please go directly to the Step 2)



2) Press and hold the  button to power on the baby monitor.



## 3.3 Pairing/Adding/Deleting Camera

### 3.3.1 Pairing the baby monitor & camera

By default, the baby camera and monitor are paired out of the box. When you power on the monitor and camera, the two will automatically pair. If it fails to display on the monitor screen after power on, please try to add new camera following below steps.

**NOTE:** Microphone feedback(noise) might occur when the monitor is too close to the camera. This is normal phenomenon and can be resolved when camera is moved away from the monitor. Please keep them at least 3m / 9.8ft apart.

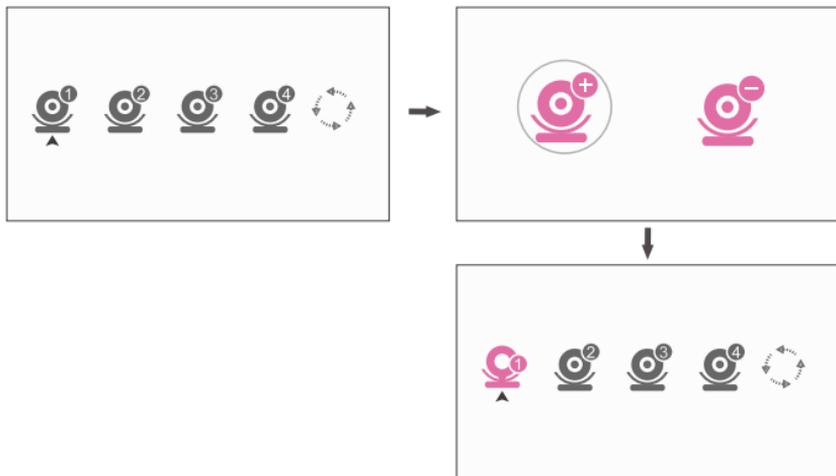
### 3.3.2 Adding a new camera

To add more cameras, follow the procedure below:

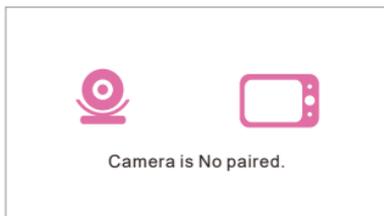
1) Enter menu settings, select  icon and press  to enter.



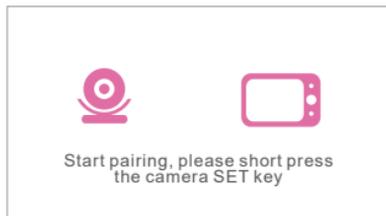
2) Select the channel to be paired, press **OK** to confirm, select  and press **OK** to confirm.



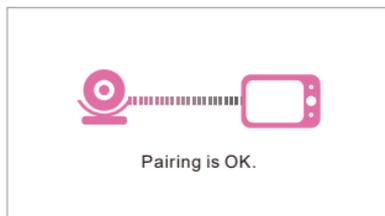
3) When the device prompts "camera is No paired", press **OK** to confirm.



4) When the device prompts "Start pairing, please short press the camera **SET** key", press the **SET** key of the camera shortly to enter the pairing mode.



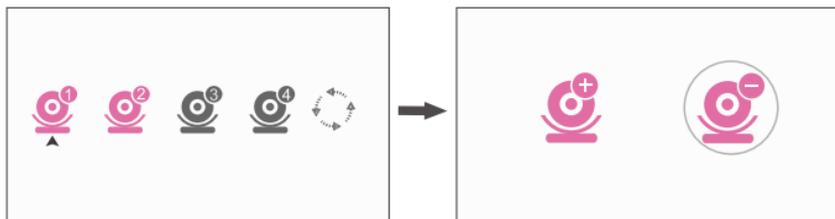
5) When the monitor prompts "Pairing is OK", which indicates that the device is successfully paired, the menu will skip to the real-time monitoring menu, and the first indicator light of the receiver is constantly on in green.



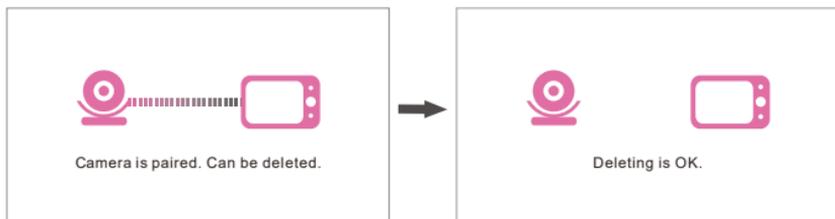
**Note:** You can add up to 4 cameras per baby monitor, only one camera can be viewed at one time. Select  icon and press **OK** to enter, press **◀** / **▶** button to select desired camera, then press **OK** button to view the picture from that camera. The current camera number will be shown with the camera icon on the monitor.

### 3.3.3 Delete Cameras

- 1) Select  icon and press **OK** to enter.
- 2) Select the channel to be deleted, press **OK** to confirm, select  and press **OK** to confirm.

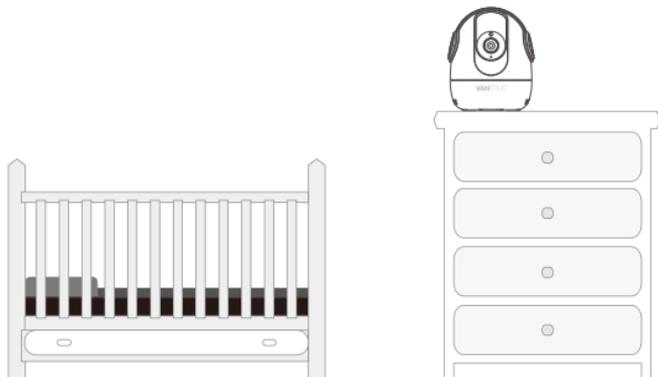


3) When the device prompts "Camera is paired. Can be deleted" Press **OK** to confirm. When the device prompts "Deleting is OK", the camera is successfully deleted.



### 3.4 Placing the Camera

Place the camera unit in a convenient location (e.g. on a table or a shelf) and point the camera lens toward the area you want to monitor.



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

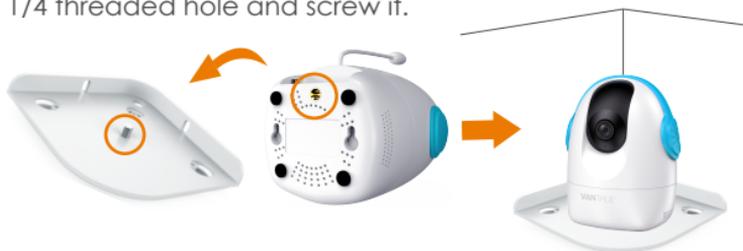
### 3.5 Wall Mounting Camera

Select the spot to mount the camera, keeping it beyond your baby's reach.

**Method 1:** Insert the screw (not included), pre-installed on wall into the mounting hole of the camera.



**Method 2:** Choose the short screw(not included), adjusting universal 1/4 screw length fits the baby monitor. Put the screw into this 1/4 threaded hole and screw it in.



It's strongly recommended to use a screw and screw anchor(not included). Don't release the camera until you're sure it is firmly mounted.

## 4. Basic Operation & Function



## 4.1 Monitor Settings

### MONITOR SCREEN ICON

On-screen Menu Icons

Icon	Icon Description
	No signal connection between the receiver and the camera.
	Wireless signal strength.
	Lullaby enabled.
	Sleep mode enabled.
82°F	Displaying current room temperature.
	Current battery level of the monitor unit. When the battery is too low, this icon will change to  and flash.
	Show you which camera on display. Note: This icon will not appear on the screen when no camera is connected to monitor.
2020/05/21 11:24:35	Current time.

Alarm Icon

Icon	Icon Description
	No camera is added or the camera is disconnected from receiver.
	Audio alarm.
	Temperature alarm.

Explanation for status indicator LED



**The first green indicator is steady on:** indicating successful connection between the camera and the receiver.

**The first to the fifth green indicators slowly flash simultaneously:** indicating power on, but camera not connected.

**The second to the fifth green indicators slowly flash from low to high:** indicating the received volume.

**The second to the fifth green indicators slowly flash simultaneously:** indicating that the alarm signal is received.

**The sixth red indicator is steady on:** indicating that the lithium battery is being charged; (displayed whether it is turned on or off)

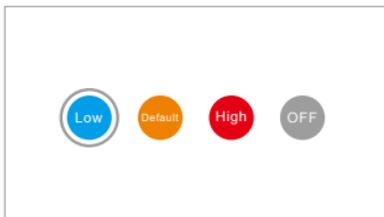
**The sixth red indicator is off:** indicating that the battery is fully charged.

## 4.2 Sound Detection

Set the sound sensitivity alarm range. This function recognizes the intensity of the baby's crying. When your baby unit detects a sound, which exceeds the selected sensitivity level, the sound detection triggers the monitor unit screen to turn on automatically.

1) Enter Menu setting, go to "SOUND DETECTION", and press **OK** to confirm.

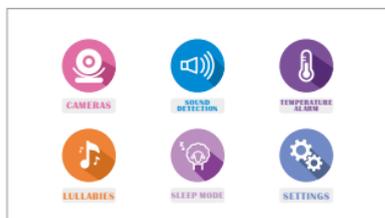
2) Select the **Low** / **Default** / **High** / **OFF** icon as needed and press **OK** to confirm. The audible alarm setting is completed. Press **MENU** to return.



**Note:** If you need to set the warning audible alarm ON, please enter Menu Setting, select , press  to enter the warning sound setting page, press  /  to turn on the audible alarm. The audio alarm icon will be displayed in the middle of the LCD screen. The audible alarm will last for 1 minute. The audible alarm notification can be switched off by pressing any button on the receiver and the notification will not be received again within 3 minutes thereafter.

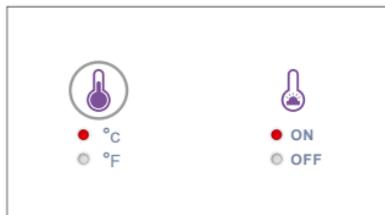
### 4.3 Temperature Alarm

Enter Menu Setting, select  icon and press  button to the setting page.



Press  /  button to switch between °C & °F, and press  button to confirm.

Navigate to  function by pressing the  button, press  /  button to turn on or off temperature alarm function.



**Note:** The setting of temperature alarm defaults to 15~29°C (59°F ~84°F). When the baby room temperature is outside this range, the receiver will receive a temperature alarm. The temperature alarm icon will be displayed on the middle of the LCD screen.

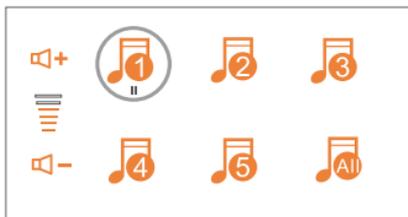
**Note:** If you need to set the temperature warning audible alarm ON, please enter Menu Setting, select , Press  to enter the warning sound setting page, press  /  to turn on the audible alarm.

The audible alarm will last for 1 minute. The audible alarm notification can be switched off by pressing any button on the receiver and the notification will not be received again within 3 minutes thereafter.

## 4.4 Lullabies

The babysitter has 5 pieces of lullabies to help you sleep your baby.

- 1) Enter Menu setting, select the  icon and press  button to enter the setting page.
- 2) Select the music you want to play, press  button to confirm, the camera will play the selected lullaby, press  button again to pause the lullaby. Selecting "All" to play all the lullabies in a loop. When the setup is complete, press  to return.

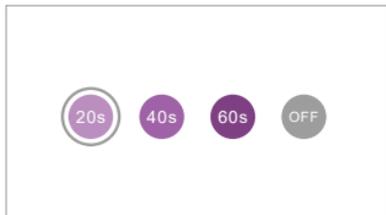


**Note:** In this screen, press  /  button to switch the lullaby and press  /  button to adjust the volume.

## 4.5 Sleep Mode

You can set the receiver to auto sleep mode. This setting enables the receiver to automatically switch to sleep mode according to the time setting.

- 1) Enter Menu setting, go to  and press  to enter the setting page.
- 2) Press  /  button to select 20s, 40s, 60s or OFF, press  button to confirm. Select "OFF" and press the  button to disable the sleep mode. After the setting is completed, press  to exit.



**Note:** With the sound detection on, if the monitor is in the sleep mode, the baby monitor will automatically turn on the screen when it detects a sound. It will automatically turn off the screen in a silent environment to save power.

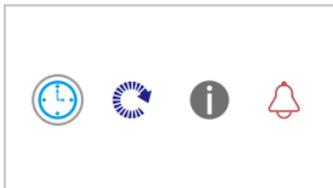
## 4.6 Settings

This setting includes time settings, factory reset, viewing hardware version and warning sound setting.



### 4.6.1 Time Settings

- 1) Select  and press  button to enter the setting page.
- 2) Select  and press  button to enter the time setting page.

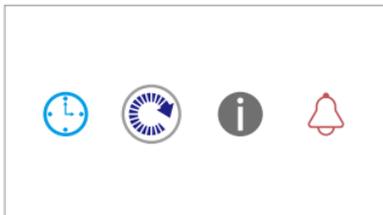


- 3) Press  /  and  button to set date/time; Navigate  /  button to select date and time values. Press  button to confirm and proceed. To finish setup, just press the  button to exit.

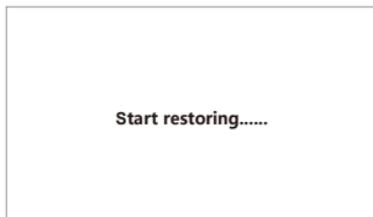
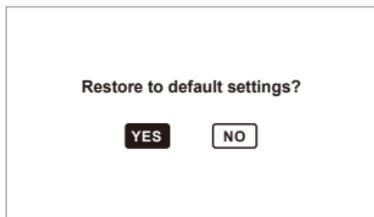


## 4.6.2 Reset default settings

- 1) Select  and press  button to enter the setting page.
- 2) Select  and press  button to enter the default setting page.



- 3) At this time, the device will prompt "Restore to default settings?". Select YES and press  button to confirm. The device will start resetting to default settings.



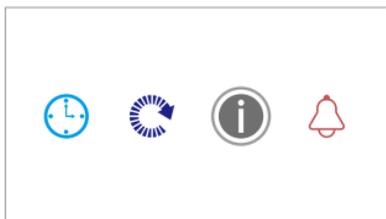
- 4) After the default settings are restored, the receiver will automatically switch to the monitoring interface with an icon indicating that no camera is added.



### 4.6.3 Version information

View the version information of the receiver

- 1) Select  and press  button to enter the setting page.
- 2) Select  and press  button to check the version information.

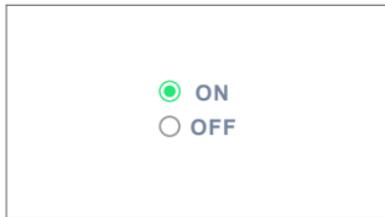
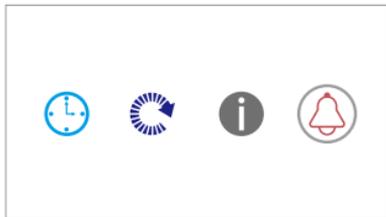


The receiver will display corresponding version information. Press  to return after reviewing the version information.

### 4.6.4 Warning Sound Setting

This setting controls the sound alarm for sound detection alarm and temperature alarm.

- 1) Select  and press  button to enter the setting page.
- 2) Select  and press  button to enter the warning sound setting page. Press  /  button to turn on or off sound detection alarm and temperature alarm.



## 4.7 Digital Zoom

The camera unit can be remotely controlled from the monitor unit. Press **OK** Button to zoom in to 2X to enlarge image display when viewing the camera.

## 4.8 Pan-n-Tilt (Remote Control Supported).

Press the navigation buttons (  /  /  /  button) to pan/tilt the image.

## 4.9 Volume Adjustment

Press Shortcut button ->  /  button to select the desired volume level.

Press Shortcut button to exit the menu.

## 4.10 Brightness Adjustment

Press Shortcut button ->  /  button to select the desired brightness level.

Press Shortcut button to exit the menu.

## 4.11 Talk Function

Press and hold **TALK** button on the monitor unit to talk to your baby in the baby's room via baby camera. The symbol  will be displayed at the bottom of the LCD screen while this function is in use.

**Note:** When it's mute or the speaker volume is too low, you may not be able to hear the baby.

When you're pressing the **TALK** button, there is no possibility to hear the sounds from the baby camera. Please release the **TALK** button allow on to hear the sounds from the baby's room again.

## 5. Specifications

*The specifications of this product may change without prior notice due to product improvements.*

### Camera

Image Sensor	1/4" CMOS
Video Resolution	1280*720P
Horizontal Viewing Angle	60±5°
Rotation Angle	Pan: 350° Tilt:58°
Night Vision	Black & White image, up to 5m clear range
Power Supply	DC 5V/1A
Operation Temperature	-10℃~50℃
Storage Temperature	-20℃~60℃
Operating Humidity	15~85%RH
Dimension (W*D*H)	97x87x111(mm)

### Monitor

LCD	5" TFT LCD monitor
Number of Pixels	1280*720P
Wireless Transmission Way	2.4GHz FHSS
Battery	2000mAH
Power Supply	DC 5V/1A
Operation Temperature	-10℃~50℃
Storage Temperature	-20℃~60℃
Operating Humidity	15~85%RH
Dimension (W*D*H)	167x101x29(mm)

## 6. Warranty & Support

### Warranty

The VANTRUE® AngelGuard A1 2.4GHz Wireless Video Baby Monitor comes with a full **12 months warranty**.

If you register your product on our official site ([www.vantrue.net/register](http://www.vantrue.net/register)), you can extend the warranty to **18 months**.

### Support

If you have any questions regarding your product, please do not hesitate to contact us via Amazon or drop us an email at [support@vantrue.net](mailto:support@vantrue.net). Queries are typically answered within 12-24 hours.

### Your opinion matters

VANTRUE® is firmly committed to always improving our products, services, and user experience. If you have any thoughts on how we can do even better, we welcome your constructive feedback and suggestions. Connect with us today at [support@vantrue.net](mailto:support@vantrue.net).

**THANK YOU for choosing VANTRUE !**

## CE and FCC Certification Information

**NOTE:** This equipment has tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits has 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 use in accordance with the instructions, may cause harmful interference to radio communications.

Hoever, 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 receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV tenchnician for help.

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
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the head with the minimum separation distance of 0mm is

1.545W/Kg. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter. This product is compliance to FCC RF Exposure requirements and refers to FCC website

<https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm>  
search for FCC ID: TW5GD7603

Hereby, we declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

Notice: Observe the national local regulations in the lacion where the device is to be used. This device may be restricted for use in some or all member stantes of the Euroiepan Union(EU)

#### **EU Environmental Provisions**

E-waste cannot be mixed with household garbage; corresponding local government selector or recycling stantions shall be responsible for circular process.

