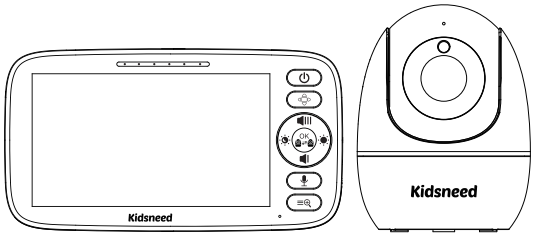
USER MANUAL

Video Baby Monitor

SM530

5 " LCD 720P



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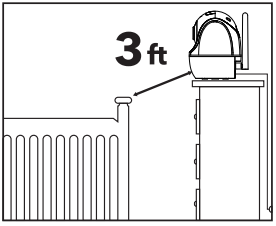
SAFETY INSTRUCTIONS

· Keep cord out of the reach of children (more than 3ft / 0.9m away) in case of STRANGULATION.



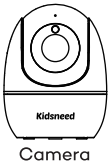
· NEVER place the camera or cord in or near the crib or playpen.
· NEVER mount the camera directly above the crib or playpen to avoid the risk of injury.
· Only use the AC adapters provided.
· Never use the unit near water, including near a bathtub, sink, laundry machine tube, wet basement, etc.
· Do not install near any heat sources such as radiators, heat registers, stoves, or other devices that produce heat.
· Only use attachments and accessories specified by the manufacturer.
· Unplug this device when unused for long periods of time.
· Do not insert anything into the upgrade pinholes. This operation is only intended for professionals.

CAUTION

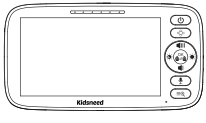
· NOT toys. Do not allow children to play with them.
· The lens and lens hood are small parts, keep them out of your baby's reach at all times.
· This product is NOT intended to replace the proper supervision of children. You MUST check your child's activity regularly.
· This product is not intended for use as a medical camera and its use should not replace adult supervision.

· Unplug the product during lightning storms.
· Please check the operating range and condition of the camera carefully at the initial installation, and on a regular basis after that.
· Check the reception regularly. Test the camera before use and after changing the camera's location.
· For indoor use only.
· Clean the camera with a dry cloth only.
· Do not block any ventilation openings.
· Microphone feedback noise might occur when the monitor is too close to the camera. Please keep them at least 1.5m / 4.9ft apart.

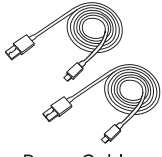
PACKAGE CONTENTS

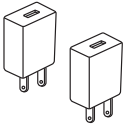


Camera



Monitor

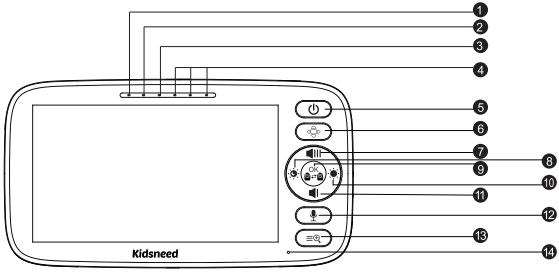

Power Cable


Adapter

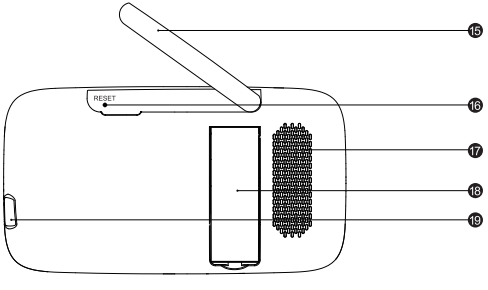
User Guide

PRODUCT DIAGRAM

Baby Monitor



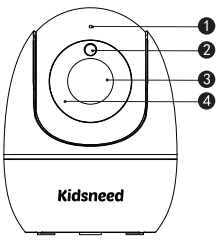
(Front)



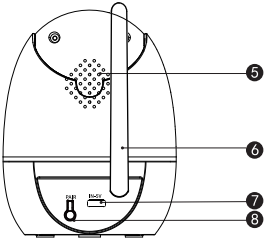
(Back)

① Charging indicator light: Blue on charging, turns off when fully charged.
② Low battery indicator light: On low battery status, red indicator light is on.
③ Working indicator light: Green when power on, turns off when power off.
④ Sound Level LED: Low/high level shows low/high sound detected by the camera.
⑤ Power/Sleep Button: Long press for 3 seconds to turn on/off the monitor; short press to turn on/off the screen.
⑥ Pan tilt control Button : After pressing, press the up, down, left, and right Button (Volume Button and brightness Button)to control the camera rotation.
⑦ Volume increase/up Button: Press to increase Volume/change your selection upward.
⑧ Brightness decrease/left button: Press to decrease brightness/change your selection leftward.
⑨ OK/Camera Switch Button: The confirmation button is located on the menu interface, and the camera switch button is used on video interfaces with two or more cameras.
⑩ Brightness increase /right button: Press to increase brightness/change your selection rightward.
⑪ Volume decrease/down Button: Press to decrease Volume/change your selection downward.
⑫ Talk: Long press for 2 seconds to talk to your baby in the monitoring image.
⑬ Menu and zoom Button: Short press the menu, long press for 2 seconds to zoom in.
⑭ Microphone.
⑮ Antenna.
⑯ Reset Hole.
⑰ Speaker.
⑱ Support Stand.
⑲ Power Input.

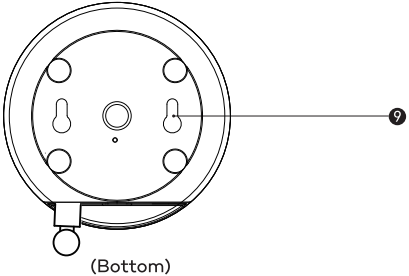
Camera



(Front)



(Back)



(Bottom)

① Microphone
② Night Vision Sensor
③ Camera Lens
④ LEDS
⑤ Speaker
⑥ Temperature Sensor/Antenna
⑦ Power Input
⑧ Pair Button
⑨ Bracket

GETTING STARTED

1. Charging & Powering Baby Monitor

1) Connect the monitor adapter to the monitor and a power outlet.
2) When charging begins, the blue charging indicator light turns on. When fully charged, the charging indicator light turns off. Charging while the device is on, the charging status bar displays the charging icon. When fully charged, the battery icon shows five full bars.

2. Powering Camera

1) Connect the camera to power source via the USB type-C cable and camera adapter.

- Only use the power adapters included in the package.
- Do not place the camera and power cord within the reach of your baby.

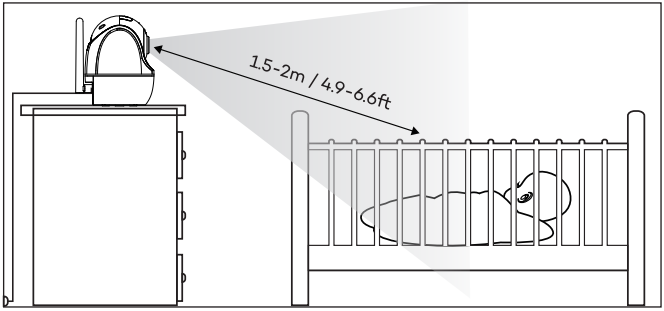
3. Pairing the Baby Monitor & the Camera

By default, one camera has been paired with the monitor when manufactured. When you power on the monitor and camera, the two will automatically pair. To add more cameras, press the Pair Button at the bottom of the camera, press Menu button, select through -> -> +, and then the monitor will auto-pair with the camera.

- Once they're paired successfully, the camera number with icon 1 will be shown at the top left.
- Microphone feedback noise might occur when the monitor is too close to the camera. Please keep them at least 1.5m / 4.9ft apart.
- It is recommended to pair in the baby's room, or wherever you intend to place the camera.

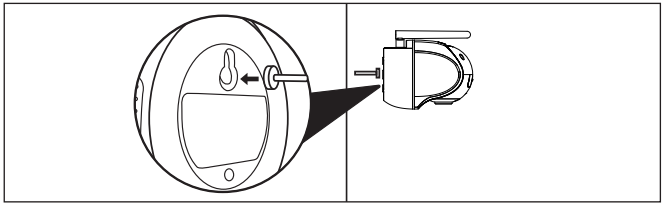
4. Placing the Camera

Place the camera 1.5-2m / 4.9-6.6ft away from your baby for safety reason and for a better view when in night vision mode.



5. Wall Mounting Camera

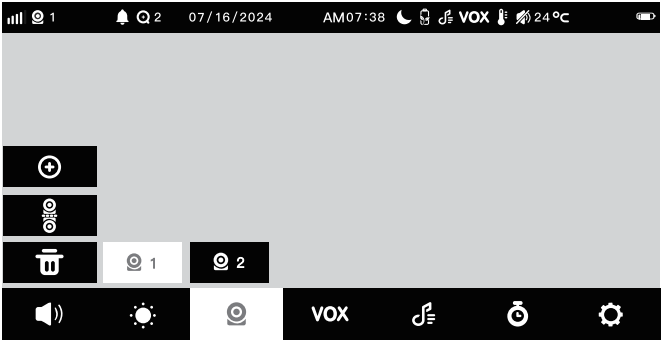
1) Select the spot to mount the camera, keeping it beyond your baby's reach.
2) Use the screw bag to fasten the bracket on the wall, and screw the camera into the bracket.



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

FUNCTIONS & OPERATIONS

Monitor Interface Overview



Top Status Indications

	Signal	5 levels
1	Current Camera	Camera 1 / Camera 2
2	Zoom	2X / 4X
°C	Current Temperature	°C / °F
	Night Vision	Auto ON in a dim environment
PM 12:08	Current Time	AM / PM
	Alarm	ON / OFF
	Mute	Mute sounds received on monitor
	Talk-back	ON / OFF
	Battery	5 levels

Bottom Menu Brief

	Camera	Add camera
		Camera up & down
		Delete camera
VOX	VOX	Screen wakes up
	Feeding Alarm	Feeding regularly
	Lullabies	Can play 5 soothing songs
	Settings	Temperature scale Eco Pro Setting Alarm volume Date Time Language System Version Restore to factory setting

1 . Digital Zoom

Long press the Menu and zoom Button for 2 seconds to zoom in to 2x /4x when viewing the camera.
A third long pressing for 2 seconds of the button will restore to the original image.

. The current zoom level number will be shown with the Zoom icon 2 on the monitor.

2. Pan-and-Tilt

When viewing the camera, first press the pan tilt key, then press the left/-right/up/down buttons to view from different angles.

3 . Night Vision

The night vision is automatically activated in a dim environment.
The camera has high- intensity infrared LEDs for picking up clear images in the dark. Black and white images can be captured within 5m distance.

4 . Talkback

Press and hold the Talk button to communicate with the baby, release to exit.

- When you enter the talking mode, the icon will be shown on the monitor.
- 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, the camera will not transfer the sound to the monitor. Please release the button to listen to your baby.

5. Volume/ Display Brightness Adjustment

1) Press Up / Down Button to quickly adjust the volume with & icons.

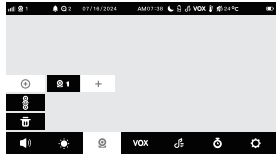
2) Press Left / Right Button to quickly adjust the Brightness with & icons.

· When the sound is off, you may not hear your baby.

6. Camera

Add Camera

1) Press Menu button, select through -> -> ✚ to add a camera.



2) Press and hold the Pair Button on the camera for 3 second.

· Two cameras at most can be connected to one monitor.

Split Screen

1) Press OK/Camera Switch Button to enter/exit the split Screen mode.

2) Once set, you can view two cameras at one time without delay.

3) Under Split screen mode, you can also long press Left / Right Button to select one camera (Camera 1 or 2) you want to Pan-and-Tilt.

· The split screen mode can be activated only when two or more cameras are successfully connected.

View Camera Up-side-Down

1) Press Menu button, select through -> to set camera up side and down

Delete Camera

1) Press Menu button, select through -> to delete a camera.

· At least one camera shall be added. Do not delete all the cameras. If necessary, please add a new camera before deletion.

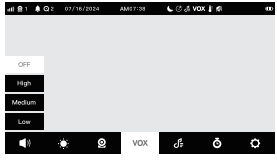
7. VOX

Explanation:

· There are three options of sound detection, LOW(65dB), MEDIUM(60dB) and HIGH(55dB). LOW means the sound can be detected if it reached 65dB, and so on for MEDIUM and HIGH.

1) Press Menu button, choose VOX -> OK Button.

2) Select the option you want. Press OK Button.



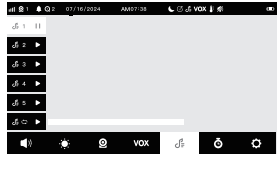
· There is no sound detection alarm push and the screen will not wake up automatically if VOX is turned off.

8. Lullabies

Explanation:
This function is to comfort baby when needed.

1) Press Menu button, Choose -> OK Button.

2) Select the lullaby you want. Select to play the lullabies in a loop.



· Left / Right Button to volume down / up, and OK Button to save your settings .

9. Alarm

Explanation:

· This function is to remind you of feeding your baby.

OFF means you shut down the function; 2 hour means it reminds you 2 hours later and so on for the other options.

1) Press Menu button, Choose -> OK Button.

2) Select the time you want. When the alarm time is reached, a beep will be heard. Press OK Button to stop; otherwise it'll keep beeping for 1min, beeping again in 30s, stops after it's alerted 5 times.

· When the timer is set, the Alarm icon will be shown on the monitor.
· Before setting, please check that the monitor time is your current time.

10. Monitor Settings

Explanation:

- This is the sub-menu of the function page where the Temperature setting, ECO Pro setting, Alarm Volume, date and time, system language, System Version and Restore to factory setting.

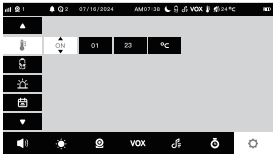
1) Press Menu button, Choose -> OK Button.

2) Select the function to be adjusted.

11. Temperature Alert

Explanation:

temperature alert, so that the baby monitor beeps whenever the room temperature falls outside the desired temperature range. You can also choose to display the temperature in Fahrenheit (°F) or Celsius (°C) on your monitor.



1) Choose -> OK Button.

2) Press the up and down buttons to select off and on for temperature alarm or °C and °F for temperature display.

3) Press the up and down buttons to switch the upper and lower temperature limits triggered by the temperature alarm.

12. ECO Pro setting

1) Choose -> OK Button.

2) Select between 1min, 2min, 5min, Always ON. Press OK Button.

- After this function is enabled you can reduce the display brightness
- This ECO pro is default on
- Audio is still on when the monitor screen is under the ECO pro mode
- Press and hold the Power Button to power on/off the monitor.

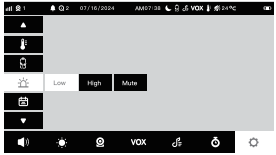
brightness at a specified time.press any button to awake.You can also short press the Power Button to turn the screen off.

13 Alarm Volume

This function is to adjust the sound of the display end alarm.

1) Choose -> OK Button .

2) Select between Low, High, and Mute. Press OK Button.

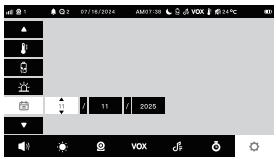


· When Mute is selected for sound, only the alarm sound is muted instead of system sound muted.

14. Date

1) Choose -> OK Button .

2) Set the current date by setting the year, month and day. Press OK Button.



· Press the up and down buttons to adjust the digital display.

15. Time

1) Choose -> OK Button .

2) Set the current time by setting hour, minute, and AM/ PM. Press OK Button.

· Press the up and down buttons to adjust the digital display.

16. Language

There are four languages built in your device, you can choose your language here.

1) Choose -> OK Button .

2) Select your language. Press OK Button.

17. System Version

1) Choose -> OK Button .

2) View display screen and camera version information.

18. Restore to factory

1) Choose ◯ -> OK Button .

2) Confirm YES to reset. Press Menu button or confirm NO to exit.

· Press OK Button to confirm resetting; “Restoring factory settings” will be shown when restoring, and you can’t press any button to control the device during this period.

SPECIFICATIONS

Monitor

Resolution	480x854
Image Aspect	16:9
Image Compression	h.264 (frame rate = 15fs)
Operating Range	280 - 300m (antenna vertically positioned at 90°)
Temperature Alert	Yes
Volume Control	7 levels
Brightness	7 levels
Antenna	Rotatable (max. 90 degree)
Power Input	5V / 2A (USB C cable)
Zoom	Zoom In (2X) Zoom In (4X)
Two-Way Talk	Yes
Multi-Camera	Max. 2 cameras
Storage Temperature	-10°C ~ 55°C / 14°F - 131°F
Operation Temperature	0°C ~ 40°C / 32°F - 104°F

Camera

Connectivity	RF 2.4GHz
Image Compression	h.264 (frame rate = 15fs)
Power Input	5V / 2A, USB Type-C cable
Pan-n-Tilt	Pan tilt function
Zoom	Zoom In (2X) Zoom In (4X)
Night Vision	Black & White image, 2m clear range, up to 5m
IR LED	Non-visible IR LED with wave length 940nm
Light Sensor	Yes
Two-Way Talk	Yes
Storage Temperature	-10°C ~ 55°C / 14°F- 131°F
Operation Temperature	0°C ~ 40°C / 32°F- 104 °F

TROUBLESHOOTING

Product not powering on?	· Check that the camera and monitor are turned on. · Check the camera is connected to power properly (it cannot be charged; it's power off once disconnected from power). · Check that the monitor is of enough battery (it'll auto shut off when battery level icon flashes red slowly on the monitor). · Check the intactness of the power cable.
Baby monitor can't connect with the camera?	· Check whether the camera is near the monitor (recommended to keep within 1.5-2m / 4.9-6.6ft). · Check whether the monitor is of low battery. Charge it in time to restore good connection. · Check whether the camera is well connected to power. · Check whether there are any large metallic objects including doors, refrigerators, mirrors, etc., are placed between the camera and monitor thus blocking the radio signals. · Check whether there's any other 2.4GHz product is used nearby like WiFi routers, microwave ovens, which may interfere the connection. · If nothing above is involved, please retry to pair: press the Pair Button at the bottom of the camera, press Menu button, select through -> -> +, and then the monitor will auto-pair with the camera.
Nothing shown when I view a camera?	· Check all connections to the camera (power cable plugging and pairing). · Check whether the screen is in sleep mode. Press any button to awake it. · Check whether the camera is within range of the monitor. · Adjust the monitor antenna to vertical position for better signal transfer.

No sound from the monitor?	· Check whether the system sound volume is set to “0”. It’ll be mute if set so.
Black and white pictures?	· Night vision LED may be ON. Please turn on room lights to force it out of the night mode.
Choppy videos?	· Check whether the camera is near the monitor and that there’re no obstacles between them. · Adjust the monitor antenna to vertical position for better signal transfer.
Too much noise?	· Volume may be set too high. Press Menu Button -> OK Button -> Left Button to volume down. · The camera and monitor may be put too close; keep them at least 1.5m / 4.9ft apart.
Image becomes blur?	· Check there's dirt or finger print on the camera len.

WARRANTY & CUSTOMER SERVICE

If you encounter any problems in the process of using the product, please feel free to contact us, we will reply to you within 24 hours and resolve the issue in a way that satisfies you.Our customer mail is

support@kidsneed.top

FCC STATEMENT

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 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 technician for help.

camera.

This transmilter must not be co-located or operating in conjunction with any other antenna or ransmitter. Thisequipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

WEEE COMPLIANCE

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

" ⎓ " The symbol indicates DC voltage

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/ 19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.