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> TakTark Baby Monitor BM813 User Manual

## TakTark BM813

# TakTark Baby Monitor BM813 User Manual

Model: BM813

Brand: TakTark

### PRODUCT OVERVIEW

The TakTark BM813 Baby Monitor provides a secure and reliable way to monitor your baby with its 5-inch 720P HD IPS screen. Designed for ease of use and peace of mind, it features advanced functionalities such as remote pan and tilt, two-way audio, automatic night vision, and VOX sound detection.



Image: The TakTark BM813 Baby Monitor system, featuring the camera unit and the 5-inch parent monitor with a clear display.

### Key Features:

- **5-inch 720P HD IPS Screen:** Offers crystal clear visibility with a wide viewing angle.
- **Secure 2.4GHz FHSS Wireless Connection:** Ensures 100% privacy and security without Wi-Fi or app requirements.
- **Remote Pan & Tilt with Digital Zoom:** Control the camera's view (330° pan, 135° tilt) and zoom in (3x digital zoom) from the parent unit.
- **Two-Way Audio:** Communicate with your baby directly through the monitor.
- **VOX Sound Detection:** Activates the screen and alerts you when sound is detected, conserving battery.
- **Automatic Night Vision:** Provides clear black-and-white images in low light without disturbing red lights.
- **Temperature Monitoring:** Built-in sensor to ensure a comfortable environment for your baby.
- **Long Battery Life:** Up to 12 hours in VOX mode with a 3050mAh battery.

**720P**  
**IPS**



**Night Vision**



**VOX**



**Security**



**Temperature**



**Reminder**



**Intercom**



Image: Visual representation of the monitor's core features including night vision, VOX mode, security, temperature monitoring, feeding reminders, and two-way intercom.

## SETUP GUIDE

### 1. Unpacking and Initial Charge

Carefully remove all components from the packaging. Before first use, fully charge the parent unit for approximately 5 hours. The camera unit requires continuous power and should be plugged into an electrical outlet.

### 2. Positioning the Camera Unit

Place the camera unit in a location that provides a clear view of your baby. Ensure it is out of reach of children and away from direct sunlight or heat sources. The camera can be surface-mounted on a table or wall-mounted for optimal viewing angles.

### 3. Powering On and Pairing

The TakTark BM813 monitor and camera are pre-paired at the factory. If re-pairing is needed or if you are adding additional cameras (up to 4 cameras supported), follow these steps:

1. Go to the Menu page on the parent unit.
2. Navigate to "Camera" and then select "Add Camera".
3. Choose the desired camera slot (Camera 1/2/3/4).
4. Press the pairing button on the back of the camera unit.
5. The monitor will display a successful pairing message.



Image: Step-by-step diagram illustrating the pairing process for the camera and monitor, including menu navigation and pressing the camera's pairing button.

The system uses a 2.4GHz FHSS wireless connection, ensuring a private and secure connection without reliance on home Wi-Fi networks or external applications.



Image: This illustration highlights the secure, private connection of the monitor, emphasizing that it operates without Wi-Fi or a mobile application, using FHSS technology.

## OPERATING INSTRUCTIONS

### Remote Pan, Tilt, and Zoom

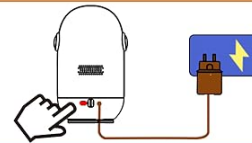
Use the directional buttons on the parent unit to remotely adjust the camera's viewing angle. The camera can pan 330° horizontally and tilt 135° vertically, providing comprehensive room coverage. Utilize the zoom function (up to 3x digital zoom) to get a closer look at your baby.

## How To Pair



1. Go to the Menu page: "Camera" -> "Add Camera" -> "Camera1/2/3/4"

2. Press the camera's Pairing Button



3. Pairing successfully. Enjoy!

Image: This diagram illustrates the camera's remote pan (300°) and tilt (50°) capabilities, allowing for full room coverage from the parent unit.



## Auto Night Vision



Image: This visual demonstrates the digital zoom feature, showing how to magnify the view of your baby up to 3 times for a closer look.

### Two-Way Audio Communication

Press and hold the talk button on the parent unit to speak to your baby. Your voice will be transmitted through the camera's speaker, allowing you to soothe or communicate with your child from another room.

## VOX Sound Detection Mode

In VOX (Voice Operated eXchange) mode, the monitor's screen will automatically turn on when it detects sound from the baby's room, and turn off when quiet, saving battery life. You can adjust the VOX sensitivity level in the settings menu.



# VOX

Image: This image illustrates the VOX sound detection feature, where the monitor activates its screen upon detecting a baby's cry, conserving power during quiet periods.

## Automatic Night Vision

The camera automatically switches to infrared night vision in low light conditions, providing clear black-and-white video without emitting any red lights that could disturb your baby's sleep.

**3X**  
+



**2X**  
+



**1X/2X/3X Zoom**

Image: This visual demonstrates the automatic night vision feature, showing how the monitor provides clear images of a sleeping baby even in complete darkness.

## Temperature Monitoring

The camera unit includes a built-in temperature sensor. The current room temperature is displayed on the parent unit, allowing you to ensure your baby's environment is comfortable.

# Temperature Monitoring



Image: This image highlights the temperature monitoring feature, displaying the room temperature on the monitor to help maintain a comfortable environment for the baby.

The 5-inch IPS screen provides superior viewing angles and color accuracy compared to traditional TN panels, ensuring a clear view of your baby from various positions.

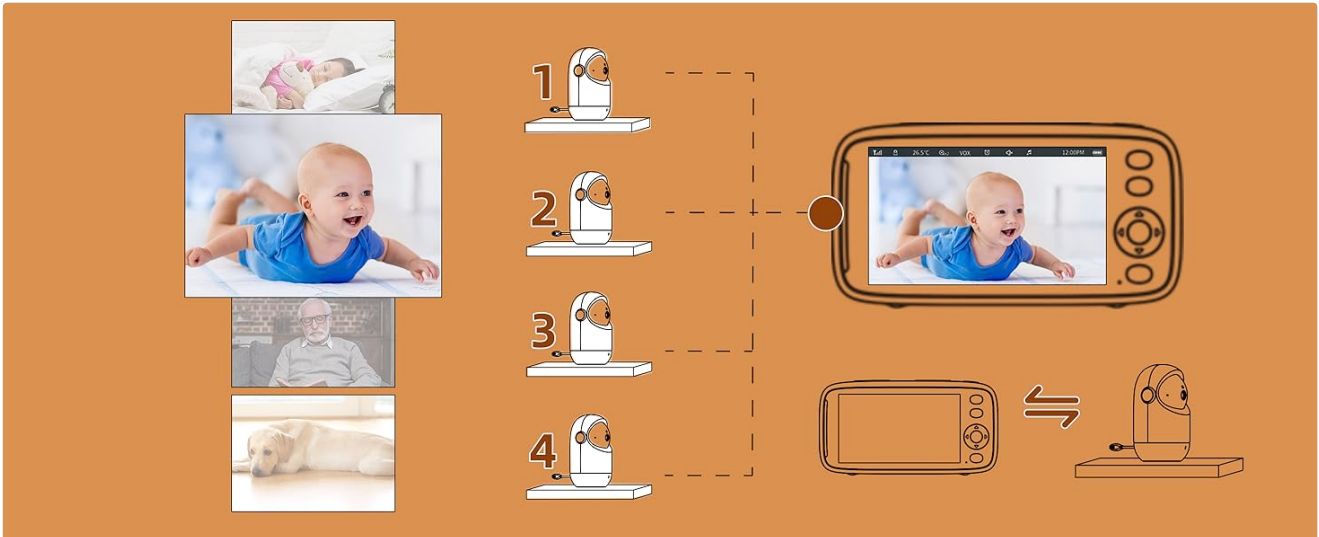


Image: A visual comparison demonstrating the wider and more consistent viewing angles offered by an IPS panel compared to a TN panel, ensuring clear visibility from various perspectives.

## MAINTENANCE

### Cleaning

Wipe the camera lens and monitor screen with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure both units are unplugged before cleaning.

### Battery Care

To prolong battery life, avoid fully discharging the parent unit frequently. Charge the unit regularly. If storing for an extended period, charge the battery to about 50% and store in a cool, dry place.



Image: This graphic illustrates the monitor's battery life, showing its capability to last through day and night, especially when utilizing power-saving features like VOX mode.

## TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your TakTark BM813 Baby Monitor. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
No image/sound on monitor	Out of range; low battery; camera not powered; not paired.	Move monitor closer to camera; charge parent unit; ensure camera is plugged in; re-pair units (refer to Setup Guide).

Problem	Possible Cause	Solution
Interference/Poor signal	Other 2.4GHz devices nearby; physical obstructions.	Move monitor/camera away from other wireless devices (e.g., Wi-Fi routers, microwaves); reduce obstructions between units.
VOX not activating	VOX sensitivity too low.	Increase VOX sensitivity in the monitor's settings.
Camera not responding to pan/tilt	Loss of connection; camera unit malfunction.	Check connection; power cycle both units; re-pair if necessary.

## SPECIFICATIONS

Feature	Detail
Model Name	BM813
Screen Size	5 inches
Video Resolution	720p HD
Connectivity Technology	2.4 GHz FHSS Wireless
Pan Angle	330 Degrees
Tilt Angle	135 Degrees
Digital Zoom	3x
Night Vision Range	15 Feet
Battery Capacity (Parent Unit)	3050 mAh
Battery Life (VOX Mode)	Up to 12 hours
Item Dimensions (L x W x H)	8.27 x 5.51 x 4.84 inches
Item Weight	750 Milligrams
Material	Plastic
Power Source	Battery Powered (Parent Unit), Corded Electric (Camera)
Included Components	Baby Camera, Parent Monitor

## WARRANTY AND SUPPORT

TakTark provides a **1-year quality guarantee** for the BM813 Baby Monitor. Additionally, **lifetime technical support** is available to assist you with any questions or issues you may encounter.

For technical assistance, warranty claims, or general inquiries, please refer to the contact information provided in your product packaging or visit the official TakTark website.

*Please retain your proof of purchase for warranty purposes.*