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VM901HD
VM901-2HD

Wi-Fi 1080p
Pan & Tilt Video Monitor



For more support information

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Quick start guide

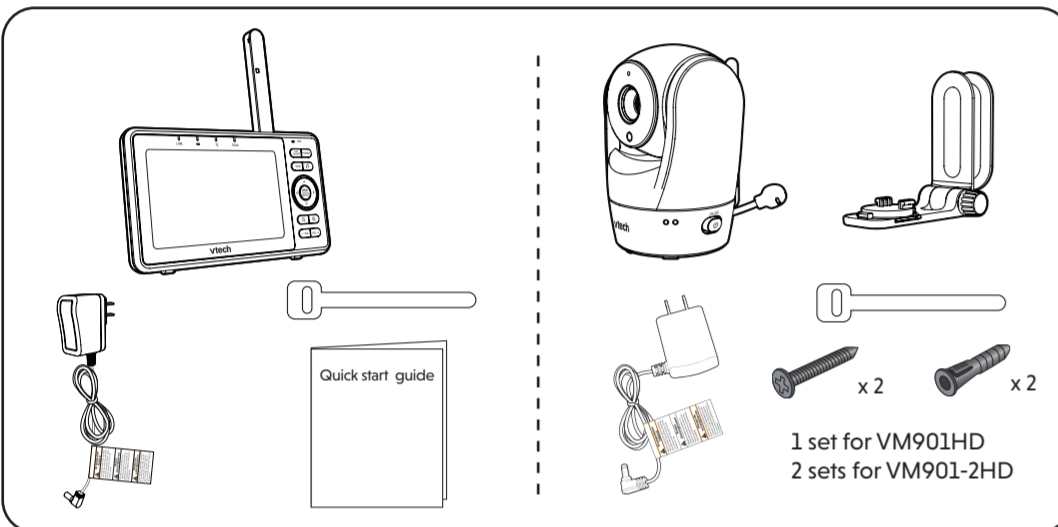
Congratulations

on purchasing your new VTech product.
Before using this baby monitor, please read the **Important safety instructions**.



VM901HD VM901-2HD

WHAT'S IN THE BOX



1 set for VM901HD
2 sets for VM901-2HD

IMPORTANT SAFETY INSTRUCTIONS

The applied nameplate is located at the bottom of the baby unit base. When in use, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

- Follow all warnings and instructions marked on the product.
- Adult setup is required.
- CAUTION:** Do not install the baby unit at a height above 6.5 feet (2 meters).
- This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
- This product is not intended for use as a medical monitor.
- Do not use this product near water, for example, near to a bath, sink, swimming pool or shower.
- CAUTION:** Use only the internally, non-user-replaceable battery fitted to the parent unit. There may be a risk of explosion if a wrong type of battery is used for the parent unit. The battery cannot be subjected to high or low extreme temperature and low air pressure at high altitude during use, storage or transportation. Disposal of batteries in fire or a hot oven, mechanically crushing or cutting the battery can result in an explosion. Subjecting products or batteries to an extremely high temperature environment can result in explosion or leakage of flammable liquids, or gas. Products or batteries subjected to extremely low air pressures may result in explosion or leakage of flammable liquids, or gas. Dispose of used batteries according to the information in **The RBRC seal**.
- Use only the power adapters supplied with this product. Incorrect power adapter polarity or voltage can seriously damage the product.

Power adapter information:
Baby Unit Output: 5V DC 1A
VTech Telecommunications Ltd.
Model: VT05EUS05100
Parent Unit Output: 5V DC 2A
VTech Telecommunications Ltd.
Model: VT07EUS05200

Rechargeable battery information:
3.7V 5000mAh, 18.5Wh Lithium-ion battery
Zuhai Great Power Energy Co., Ltd.
Model: G5P806090-SA3-3.7V-1S1P

- The power adapter is intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-table or cabinet outlet.
- For pluggable equipment, the socket-outlet (power adapter) should be installed near the equipment and should be easily accessible.
- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- Do not modify the power adapters or replace with other third-party adapters.
- Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or damaged.
- The product should only be operated from a power source indicated on the power adapter label or marking. If you are unsure of the type of power supply in your home, consult your dealer or electricity supply provider.
- Do not overload wall outlets or use an extension cord.
- Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
- This product should not be placed in any area where proper ventilation is not provided. Any slots or openings in the back or bottom of this product are provided for ventilation. To protect from overheating, openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat source.

- Never insert any objects through any apertures or slots in the product as this can be dangerous and cause damage to the battery or other internal parts. Never spill any liquids on the product.
- To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Disassembling or removing parts of the product other than battery replacement via a battery door (if applicable) may expose dangerous voltages or other risks.
- You should test the sound reception every time you turn on the units or move one of the components.
- Periodically examine all components for damage.
- There is a very low risk of privacy loss when using certain electronic devices, such as baby monitors, cordless telephones, etc. **To protect your privacy, make sure the product has never been used before purchase, reset the baby monitor periodically by powering off and then powering on the units, and power off the baby monitor if you are not intending to use it for some time.**
- Children should be supervised to ensure that they do not play with the product.
- The small parts of this monitor can be swallowed by babies or small children. Keep these parts out of reach of children.
- The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

SAVE THESE INSTRUCTIONS

Warnings

- Use and store the product at a temperature between 32°F (0°C) and 104°F (40°C).
- Mishandling batteries can cause burn, fire or explosion hazards.
- Batteries should not be exposed to excessive heat such as bright sunshine or fire.
- Do not expose the product to extreme cold, heat or direct sunlight. Do not place the product close to a heating source.

Warning—Strangulation Hazard—Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3 ft (0.9m) away). Do not remove warning label on the adapter cord.

- Never place the camera unit(s) inside the baby's crib or playpen. Never cover the camera unit(s) or parent unit with anything such as a towel or a blanket.
- Other electronic products can cause interference to your parent unit and baby unit. Try installing your baby unit as far away as possible from the following electronic devices: wireless routers, radios, mobile telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances (e.g. microwave ovens) and cordless telephones.

Precautions for users of implanted cardiac pacemakers
Cardiac pacemakers (applies only to digital cordless devices): Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

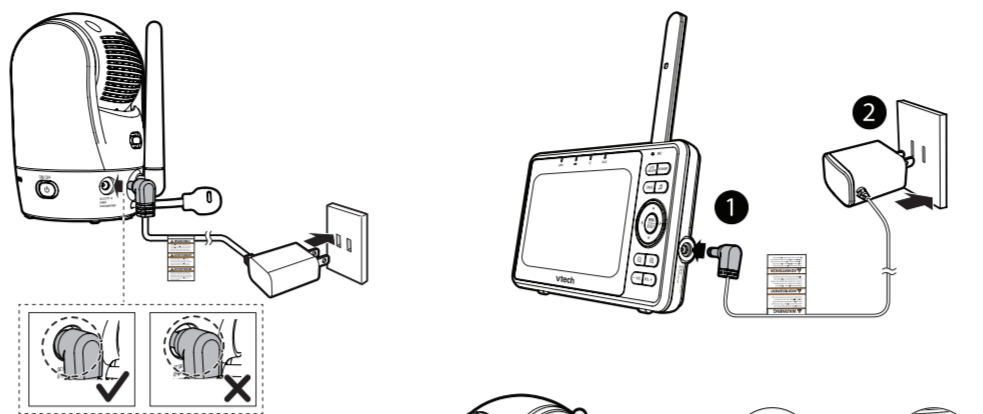
Pacemaker patients

- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

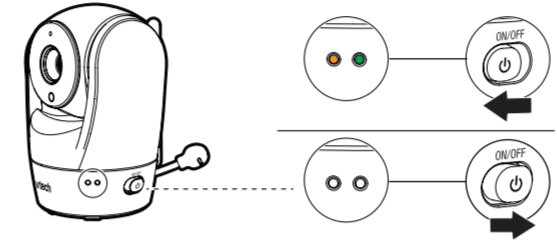
Electromagnetic fields (EMF)
This VTech product complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user's manual, the product is safe to be used based on scientific evidence available today.

CONNECT, CHARGE AND POWER ON THE BABY MONITOR

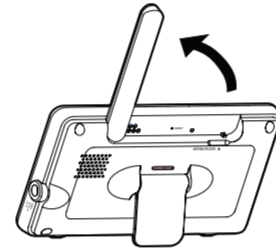
1 Connect the parent unit and baby unit to the adapter and mains supply.
The parent unit turns on automatically after connecting to the power socket, and the welcome screen appears. You can press and hold **POWER** to turn it on or off.



2 Slide the **ON/OFF** switch leftward to power on your baby unit.



3 For optimum reception, always raise the parent unit antenna.



NOTES

- Please peel off the lens/screen protector before use.
- Charge the parent unit battery before use.
- When powering up, the baby unit's orange status LED turns on. It will turn off after a while and remain off if the status LED is set to off.
- The status LED is set to off by default. You can turn it on using the app (Setting > Camera Setting > LED status).
- The baby unit may get warm during use. This is normal.

DOWNLOAD APP FOR MOBILE ACCESS

Use the **MyVTech Baby Plus** on your mobile phone to monitor your baby remotely. Follow the instructions below to set up and pair your baby monitor with the app.



1. Scan the QR code to download the free **MyVTech Baby Plus** mobile app, or search "MyVTech Baby Plus" on App Store or Google Play Store. If you have previously installed the app, ensure that you have the latest version.

NOTE

- Make sure your mobile phone meets the minimum requirement for the mobile app.

Minimum requirement

- The mobile app is compatible with:
- Android™ 9.0 or later; and
- iOS 14 or later.



Download on the App Store

GET IT ON Google Play

2. Tap **+** to launch the mobile app on your device and create an account.

3. We recommend that you use common webmail services, such as Google Gmail, to register your user account. Check your email (including the Spam folder) and activate your new account by entering the email verification code. Then, sign in to your account.

4. Ensure that you are connected to a **2.4GHz Wi-Fi network** and have enabled **Bluetooth and Location Service** on your device.

5. After signing in to the app, select **Camera(s) with Parent unit** and scan the QR code displayed on the parent unit. To find the QR code, press the **MENU/SELECT** button and go to **Settings > Wi-Fi > Connect to Mobile App**.

6. Input the Wi-Fi password.

7. Press and hold the pair key on the baby unit for 3 seconds until you hear the beep sound to enter pairing mode.

8. Select the camera model that appears in the app and wait for the camera to connect. Once connected, it will display a live view preview.

9. Select **"Continue"** and create a profile for your baby (Optional). Now you can start monitoring! (For models with 2 cameras, a pop-up will ask if you wish connect another camera. Repeat steps 7-9 for the second camera.)

TIP

Use **Camera Sharing** to instantly share access to the camera. Follow these steps:

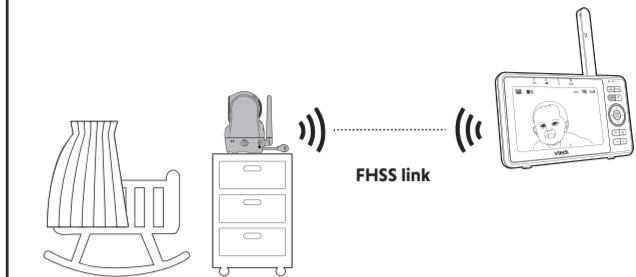
- Go to **Menu** and select **Camera Sharing**.
- Choose **"Invite People"** and enter the name and email address of the family member's app account.
- The family member will receive a pop-up notification in the app and can accept the invitation to access the camera(s).

HOW THE SYSTEM WORKS

TIP To receive product firmware updates, this baby monitor requires connecting to a 2.4GHz home Wi-Fi network.

Direct mode

Your baby monitor parent unit and baby unit connect to each other in **Direct mode** by default, which allows you to immediately stream video out of the box.



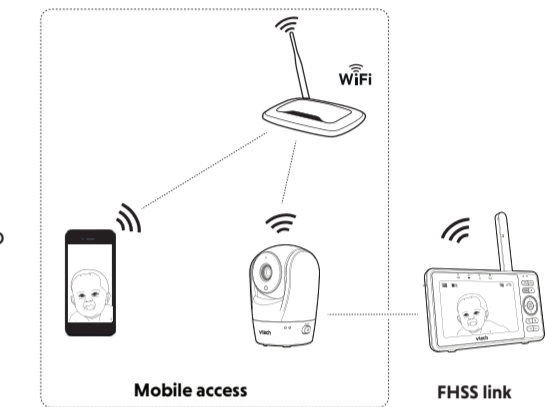
TIP You may experience reduced signal strength if your parent unit and baby unit are far apart, or there are obstructing factors, such as internal walls between them. Move the parent unit closer to the baby unit to improve the signal strength. Ensure the parent unit antenna is raised for optimum reception.

Wi-Fi mode

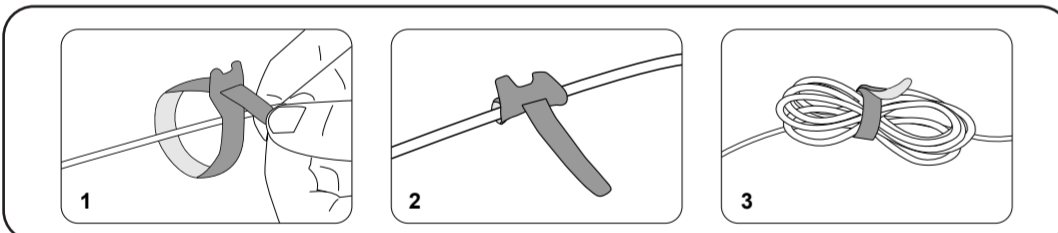
To enhance your experience and enjoy seamless live video streaming via your mobile app, and to receive product software updates (when available), we highly recommend setting up your monitor's Wi-Fi connection.

It uses your 2.4GHz home Wi-Fi network to connect your video monitor and supports live video streaming through the mobile app.

To stream live video remotely with your mobile phone, download and install the **MyVTech Baby Plus** mobile app. With the mobile app, your Wi-Fi router (not included) provides Internet connectivity to your HD video monitor system. It serves as a communication channel between your baby unit and mobile phone, allowing you to monitor and/or control your baby unit wherever you are. For more details, see **Download app for mobile access** section in this quick start guide.



CABLE MANAGEMENT



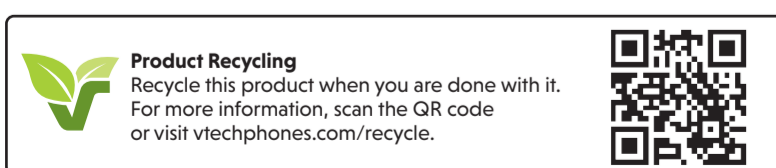
TECHNICAL SPECIFICATIONS

Frequency	Baby unit: 2402 - 2480 MHz (Wi-Fi, FHSS, BLE) Max Transmit power is 10mW (Wi-Fi, FHSS, BLE) Parent unit: 2406 - 2475 Mhz Max Transmit power is 100mW
LCD	5" Color LCD (IPS 1280x720 pixels)
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Power requirement	Baby unit power adapter: Output: 5V DC, 1000mA. Parent unit power adapter: Output: 5V DC, 2A. Parent unit battery: 3.7V 5000mAh, 18.5Wh Lithium-ion battery

DISCLAIMER AND LIMITATION OF LIABILITY

VTech Communications, Inc. and its suppliers assume no responsibility for any damage or loss resulting from the use of this user's manual. VTech Communications, Inc. and its suppliers assume no responsibility for any loss or claims by third parties that may arise through the use of this product.

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OVERVIEW

Baby unit overview

- Microphone
- Camera lens
- Light sensor
- LED indicators
Set to off by default. You can turn it on using the app (Setting > Camera Setting > LED status).
In direct mode:
 - Orange is steadily on when the baby unit is connecting to the parent unit.
 - Orange flashes slowly during video streaming.
In Wi-Fi mode:
 - Green is steadily on when the baby unit is connected to Wi-Fi.
 - Green flashes slowly during video streaming to Wi-Fi.
- Infrared LEDs
 - Allow you to see clearly in a dark environment.
- ON/OFF switch
- Antenna
 - Connect to router with Wi-Fi.
- Speaker
- Temperature sensor
- Power jack
- Threaded socket
- Pair/reset button
 - To enter pairing mode, press and hold the **PAIR** key for three seconds until you hear a beep sound. Then follow the app instructions to connect the camera to a 2.4GHz Wi-Fi network.
 - To reset the baby unit, press and hold the **PAIR** key until you hear a beep sound. Release the **PAIR** key and then press and release a further five times until you hear another beep sound. The baby unit will emit another beep when the reset is complete. After the beep sound, the baby unit will reboot itself.

Parent unit overview

- LCD display
- Microphone
- LCD ON/OFF
- POWER
- Lullaby
 - Press to enter the lullaby menu.
- TALK
 - Press and hold to talk to the baby unit.
 - is displayed on screen while the button is pressed.
 - While in a submenu, press to exit.
- Arrow keys
 - Press to navigate leftward, upward, rightward or downward, within the main menu and sub-menus.
 - Press to move the baby unit camera leftward, rightward, upward or downward.
- MENU/SELECT
 - Press to enter the main menu.
 - While in a menu, press to confirm a selection, or save a setting.
- Zoom in
- Zoom out
- VOL/ VOL+
 - Increase, decrease or mute the parent unit volume.
- Power jack
- Antenna
- Speaker
- Battery compartment cover
- Stand

PARENT UNIT ICONS

Main Menu	Sub-menu	Options
Monitoring mode (For VM901-2HD only)	<ul style="list-style-type: none"> View baby units in Single mode. View baby units in Patrol mode (switch view every 10 seconds). View baby units in Split screen. 	<ul style="list-style-type: none"> Temperature Format <ul style="list-style-type: none"> Set the temperature display format between Celsius or Fahrenheit. Other <ul style="list-style-type: none"> Time settings, Reset settings, Software Update.
Melodies and soothing sounds	<ul style="list-style-type: none"> Play/Stop <ul style="list-style-type: none"> Toggle between play and stop. Library <ul style="list-style-type: none"> Select to play all melodies, or play one of the five melodies or five soothing sounds. Camera Volume <ul style="list-style-type: none"> Adjusts baby unit speaker volume. Timer <ul style="list-style-type: none"> Set the timer to stop playing after 15, 30 or 60 minutes, or play non-stop. 	<ul style="list-style-type: none"> Alerts Settings <ul style="list-style-type: none"> Adjusts the alert tone volume level. Motion Detect <ul style="list-style-type: none"> Turn the motion detection alert on/off. Adjust Motion Sensitivity level for waking the parent unit screen. Temperature <ul style="list-style-type: none"> Turn the temperature alert on/off. Select the temperature alert maximum and minimum temperature limits. Low Battery <ul style="list-style-type: none"> Toggle the low battery alert on or off. Lost Link <ul style="list-style-type: none"> Toggle the lost link alert on or off.
General settings	<ul style="list-style-type: none"> Connect to Mobile App <ul style="list-style-type: none"> Instructions for adding baby unit to mobile app. Camera Volume <ul style="list-style-type: none"> Adjusts baby unit speaker volume. Screen Brightness <ul style="list-style-type: none"> Adjusts parent unit screen brightness. Screen Off Timer <ul style="list-style-type: none"> Turn the screen off timer OFF, or set the screen to turn off after 1, 3 or 5 minutes when no sound is detected. Select Auto to set the Sound Sensitivity level for the screen to auto turn on when a sound level is detected that is higher than the set level. The screen will turn off after 50 seconds of no sound detection. 	<ul style="list-style-type: none"> Help and info <ul style="list-style-type: none"> Help <ul style="list-style-type: none"> Support Information How-to Video <ul style="list-style-type: none"> Support video System Info <ul style="list-style-type: none"> System Information
Status icons	<ul style="list-style-type: none"> Direct mode <ul style="list-style-type: none"> Parent unit and baby unit are connected to each other directly. Signal strength is indicated by the signal icon(s) on the right. The red bar(s) indicates no connection. Wi-Fi mode <ul style="list-style-type: none"> The signal icon(s) on the left indicate the baby unit is connected to a home Wi-Fi network. The red icon(s) indicates no connection. Baby unit 1 and 2 are being viewed in Patrol mode (For VM901-2HD only). Baby unit 1 and 2 are being viewed in Split mode (For VM901-2HD only). 	<ul style="list-style-type: none"> Status icons <ul style="list-style-type: none"> 6-level sound indicator <ul style="list-style-type: none"> Indicates low sound level detected by the baby unit. Indicates moderate sound level detected by the baby unit. Indicates high sound level detected by the baby unit. 70°F Temperature measured at baby unit. Battery level indicator Low battery indicator

PROTECT YOUR PRIVACY AND ONLINE SECURITY

VTech cares about your privacy and peace of mind. That's why we've put together a list of industry-recommended best practices to help keep your wireless connection private and your devices protected when online. We recommend you carefully review and consider complying with the following tips.

Ensure your wireless connection is secure.

- Before installing a device, ensure your router's wireless signal is encrypted by selecting the "WPA2-PSK with AES" setting in your router's wireless security menu.

Change default settings.

- Change your wireless router's default wireless network name (SSID) to something unique.
- Change default passwords to unique, strong passwords. A strong password:
 - Is at least 10 characters long.
 - Is complex.
 - Does not contain dictionary words or personal information.
 - Contains a mix of uppercase letters, lowercase letters, special characters and numbers.

Keep your devices up to date.

- Download security patches from manufacturers as soon as they become available. This will ensure you always have the latest security updates.
- If the feature is available, enable automatic updates for future releases.

Disable Universal Plug and Play (UPnP) on your router.

- UPnP enabled on a router can limit the effectiveness of your firewall by allowing other network devices to open inbound ports without any intervention or approval from you. A virus or other malware program could use this function to compromise security for the entire network.

For more information on wireless connections and protecting your data, please review the following resources from industry experts:

- Federal Communications Commission: Wireless Connections and Bluetooth Security Tips – www.fcc.gov/consumers/guides/how-protect-yourself-online.
- U.S. Department of Homeland Security: Before You Connect a New Computer to the Internet – <https://www.us-cert.gov/ncas/tips/ST15-003>.
- Federal Trade Commission: Using IP Cameras Safely – <https://www.consumer.ftc.gov/articles/0382-using-ip-cameras-safely>.
- Wi-Fi Alliance: Discover Wi-Fi Security – <http://www.wi-fi.org/discover-wi-fi/security>.

