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vtech Quick start guide



VM901HD

VM901-2HD

Wi-Fi 1080p

Pan & Tilt Video Monitor

Congratulations

on purchasing your new VTech product. Before using this HD video monitor, please read Important safety instructions

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hat does HD Video Monitor do?

VTech Wi-Fi HD Video Monitor allows you to stay close to your baby when you are on the move or awav

This monitor is Wi-Fi enabled, which uses your home wireless network to stream live video and audio through the HD baby unit and 5-inch color screen parent unit. It allows you to maintain a constant connection to your baby.

You can also monitor from your smartphone and mobile tablet.

.27/22. VM901HD-X_QSG_V5.

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VTech Wi-Fi HD Video Monitor uses MyVTech Baby Pro app to let you instantly see and hear what's happening with your baby from anywhere in the world.

The app can be downloaded from the App Store or the Google PlayTM Store, directly from your smartphone or mobile tablet.



The applied nameplate is located at the bottom of the baby unit's When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and

njury, 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 2
- 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, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or ing pool, or in a wet basement or shower 7. CAUTION: Use only the battery provided. There may be a ris
- captions, one only the 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 battery into fire or a hot oven, or mechanically crushing or cutting or the battery can result in an explosion. Leaving the battery in an extremely high temperature surrounding environment can result in an igh temperature surrounding enviro nment can result in ar explosion or the leakage of flammable liquid of gas. Battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas. Dispose of used battery according to the instructions.
- Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product. Power adapter information:

Parent Unit Output: 5V DC 2A VTech Telecommunications Ltd.

Model: VT07EUS05200.

- 9. Baby Unit Output: 5V DC 1A VTech Telecommunications Ltd. Model: VT05EUS05100,
- Rechargeable battery information
- .7V 5000mAh, 18.5Wh Lithium-ion battery huhai Great Power Energy Co., Ltd. Model: GSP806090-5Ah-3.7V-1S1P
- 10. 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 the table or cabinet outlet.
- For pluggable equipment, the socket-outlet (power adapter shall be installed near the equipment and shall be easily
- Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for
- 13. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or
- 15. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of
- the type of power supply in your home, consult your dealer or local power company. The equipment is to be supplied from an identified USB por complying with the requirements of Limited Power Source.
- Do not overload wall outlets or use an extension cord.
- .8. Do not place this product on an unstable table, shelf, stand or ner unstable surface
- 19. This product should not be placed in any area where prope ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these 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 redicter or best product. diator or heat register
- 20. Never push objects of any kind into this product through

the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the

- To reduce the risk of electric shock, do not disassemble th product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
- You should test the sound reception every time you turn on the units or move one of the components. Periodically examine all components
- 24. There is a very low risk of privacy loss when using certain
- telephones, etc. To protect your privacy loss when a sing certain telephones, etc. To protect your privacy, make sure the product has never been used before purchase, reset the baby nonitor periodically by powering off and then powering on he units, and power off the baby monitor if you will not use it for some time. Children should be supervised to ensure that they do not play
- with the product 26. 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

- Use and store the product at a temperature between 0°C and Burn hazard, fire hazard, explosion hazard associated with
- nishandling of the battery. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
- Sunlight. Do not put the process 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 Never place the camera unit(s) inside the baby's
- with anything such as a towel or a blanket. Other electronic products may cause interference with you camera unit. Try installing your camera unit as far away from these electronic devices as possible: wireless routers, radios cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless

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 hould NOT place wireless devices directly over the acemaker, such as in a breast pocket, when it is turned ON
- WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless devices. **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

HOW THE SYSTEM WORKS

Direct mode

The parent unit and the baby unit of your video monitor connect to each others in **Direct mode** by default, which allows you to stream live video right out of the box. Direct mode connection lets you stream live video from parent unit only.



尜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. You can also set up **Router mode** to connect via your home Wi-Fi network to improve the connection between your parent unit and baby unit.

Router mode

You can continue using vour video monito with **Direct mode** connection, or you can set up your monitor in **Router mode** connection.

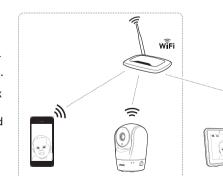
Router mode uses your home Wi-Fi network to connect your video monitor. It supports streaming live video through parent unit and smartphone app.

We recommend that you set up your monitor in **Router mode** to enjoy streaming live video via your parent unit with better

MyVTech Baby Pro 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 communicating channel between your baby unit and mobile device, allowing you to monitor and/or control your baby unit wherever you are. For detail, see Download app for mobile access section in this quick start

Your parent unit detects the connection signal strength. If you have connected your video monitor with your home Wi-Fi network, your parent unit automatically switches to direct or router mode - the one that has stronger signal strength.

When both parent unit and app are viewing the camera simultaneously, the video quality will be optimised to deliver the best possible viewing result.





connection. Power requirement LCD guide.

- If you want to stream live video remotely with your mobile device, download and install the
- Parent unit power adapter: vary according to environmental conditions at the time of use. Maximum power allowed by FCC and IC. Actual operating range may Nominal effective range (PS 1280x720 pixels) 5'' Color LCD 🖹 Notes slannedD Saby unit: 2412 - 2462 MHz Frequency

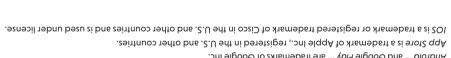
IECHNICAL SPECIFICATIONS

AI DO VZ :tuqtuO

AS DO VZ :tuqtuO

3. Baby unit power adapter:

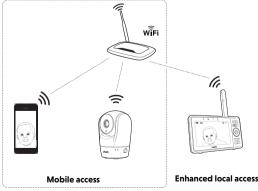
2. Parent unit: 3.7V Lithium-ion Polymer battery

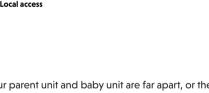




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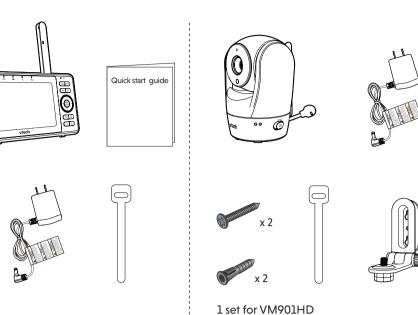






WHAT'S IN THE BOX

Your HD video monitor package contains the following items. Save your sales receipt and original packaging in the event warranty service is necessary.





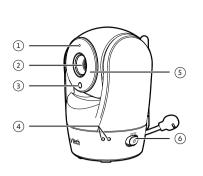
Requirements For mobile access:		
MyVTech Baby por mobile app		
Network	Wi-Fi	
Wi-Fi router	2.4GHz 802.11 b/g/n	
Internet connection	1.5 Mbps @ 720p or 2.5 Mbps @1080p upload bandwidth per baby unit	

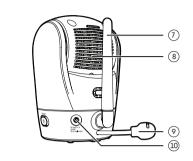
PROTECT YOUR PRIVACY AND ONLINE SECURITY

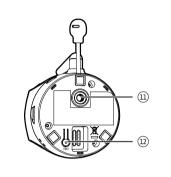
- VTech cares about your privacy and peace of mind. That's why we've put together a list of industry-recommended best practices to help keep your wireless connection private and your devices protected when online. We recommend you carefully review and consider complying with the following tips.
- Ensure 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
- 1. Federal Communications Commission: Wireless Connections and Bluetooth Security Tips
- <u>www.fcc.gov/consumers/guides/how-protect-yourself-online.</u> 2. U.S. Department of Homeland Security: Before You Connect a New Computer to the
- Internet –
- www.us-cert.gov/ncas/tips/ST15-003.
- 3. Federal Trade Commission: Using IP Cameras Safely -
- https://www.consumer.ftc.gov/articles/0382-using-ip-cameras-safely.
- 4. Wi-Fi Alliance: Discover Wi-Fi Security http://www.wi-fi.org/discover-wi-fi/security.



Baby unit overview







Parent unit overview



Camera lens

Light sensor

LED indicators

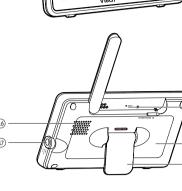
- Flash orange and green alternately when the baby unit is in pairing
- Orange is steady on when the baby unit is not connecting to the Internet and is idle.
- Green is steady on when the baby unit is connecting to the Internet and is idle.
- Flash orange slowly when the baby unit is not connecting to the Internet and is streaming with the parent unit.
- Flash green slowly when the baby unit is connecting to the Internet and streaming with the parent unit or mobile app.
- Flash orange and green quickly and alternately when the baby unit is updating its firmware.

Infrared LEDs

Allow you to see clearly in a dark surrounding.

6 **U** ON/OFF switch

- Antenna Connect to router with Wi-Fi.
- Speaker
- Temperature sensor
- 10 **Power jack**
- 11 Threaded socket
- 12 Pair/reset button
- <u>Press and hold</u> for three seconds to enter pairing mode.



🛲 LED light

- AC power, or the battery is charging.
- Flashes when the parent unit battery is low and needs charging.
- Off when the parent unit is disconnected from AC power.

LINK LED light

• On when the parent unit is linked to the baby unit. • Flashes when the link to the baby unit is

🖾 LED light

- On when the parent unit speaker volume is set to off. • On when the parent unit is talking to the baby unit.
- TALK LED light • On when the parent unit is talking to the baby unit.

Charge the battery before use

only.

🖹 Notes

The parent unit runs on rechargeable battery or AC

power. To continuously monitor your baby, keep the

parent unit connected to AC power. With the battery

Before using the baby monitor for the first time, charge

charging time, turn the parent unit off while charging.

The standby time varies depending on your actual use.

the parent unit battery for 12 hours. When the parent unit

Connect, charge and power on the baby monitor

Connect the baby monitor

🖹 Notes

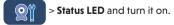
- Make sure the parent unit and the baby unit are not
- Connect the power adapters in a vertical or floor mount position only. The adapters' prongs are not designed to hold the weight of the parent unit and the baby unit, so do not connect them to any ceiling, under-the-table, or cabinet outlets. Otherwise, the adapters may not
- Make sure the parent unit, the baby unit and the
- To maintain compliance with the FCC's RF exposure guidelines, place the baby unit at least 20cm from nearby persons.

Connect and power on the baby unit

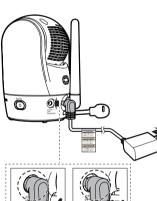
- 1. Connect the power adapter to the baby unit and a power supply.
- 2. Slide the \bigcirc **ON/OFF** switch leftward to power on your baby unit.

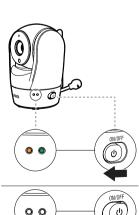
🖹 Notes

- When powering up, the baby unit's status LED turns on. It will turn off after a while and keeps off.
- The status LED is set to off by default. If you want to keep the LED on, press MENU, then go to



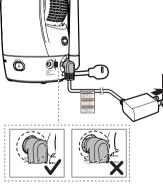
NOTE: Camera lens and surface may get warm during normal operation.





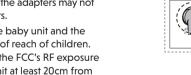
Raise the parent unit antenna for better reception

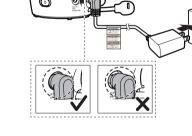
welcoming screen appears.

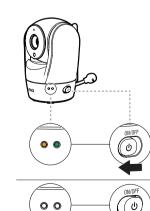




- Use only the power adapters supplied with this product.
- connected to the switch controlled electric outlets.
- properly connect to the outlets.
- power adapter cords are out of reach of children.

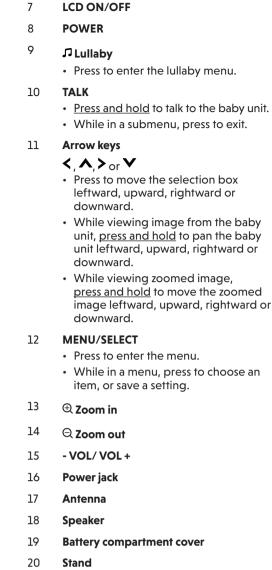








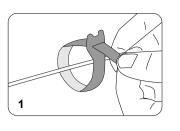
- On when the parent unit is connected to

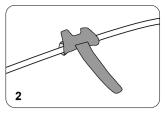


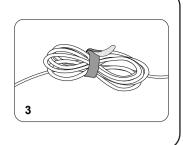
LCD display

Microphon

I CABLE MANAGEMENT







PARENT UNIT ICONS

Options Menu

Monitoring mode (* For VM901-2HD only) View baby unit 1 or 2 in Single

- mode • View both baby units in Patrol mode
- View both baby units in **Split**

Melodies and soothing sounds

ante -

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- Select play all melodies, or play one of the five melodies and four oothing sounds.
- You can also set the timer to stop playing after 15, 30 or 60 minutes, or playing non-stop.

Alerts - Sound, motion and temperature

- Select the sound and motion sensitivity level. • Turn on/off sound and motion
- detection alerts. Select maximum and minimum temperature for alert range.
- Turn on/off temperature alert.
- Turn on/off Auto Wake Up function.

Parent unit settings

 Adjust parent unit screen brightness.

• Turn on/off dim mode.

Baby unit settings

- Turn on/off **Night Vision**. • Turn on/off baby unit's status LED.
- Adjust baby unit's speaker volume.
- Update baby unit's security key.

- Options General settings Connect to home Wi-Fi network. • Turn on/off **Parent unit Wi-Fi**
 - Connection
 - Connect mobile phone.
 - Turn on/off Low Battery Alert Tone.
 - Turn on/off No Link Alert Tone.

Status icons

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Menu

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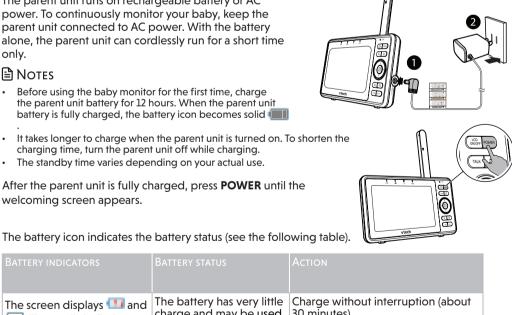
Direct mode Parent unit, baby unit 1 and baby unit 2 (*For VM901-2HD only) are connected to each others directly.

Router mode Parent unit, baby unit 1 and baby unit 2 (*For VM901-2HD only) a

- home Wi-Fi network.
- 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).
- Night vision is turned on.
- Motion alert is turned on.

Sound detection alert is turned on

- Melodies and soothing sounds are turned 6-level sound indicator indicates low sound level detected the baby unit.
 - indicates moderate sound level ected by the baby unit.
 - indicates high sound level
 - detected by the baby unit. Parent unit speaker is muted.
 - Temperature alert is turned on.



The screen displays 🛄 and —. The 🛲 light flashes.	The battery has very little charge and may be used for only a short time.	Charge without interruption (about 30 minutes).
The battery icon becomes solid .	The battery is fully charged.	To keep the battery charged, connect it to AC power when not in use.

