# RM2851-2 2.8 inch Smart Wi-Fi 1080p





For more support information





Video Monitor



# Congratulations

on purchasing your new VTech product. Before using this video monitor, please read Important safety instructions. For support, shopping, and everything new at VTech, visit our website at www.vtechphones.com. In Canada, visit www.vtechcanada.com.

VTech 2.8 inch Smart Wi-Fi 1080p Video Monitor allows you to stay close to your baby when you are on the move or away.

This monitor is Wi-Fi enabled, which uses your home wireless network to stream live video and audio through the baby unit and 2.8 inch color screen parent unit. It allows you to maintain a constant connection to your baby.

VTech 2.8 inch Smart Wi-Fi 1080p Video Monitor uses MyVTech Baby Pro app to let you

#### You can also monitor from your smartphone and mobile tablet.

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 Play™ Store, directly from your smartphone or mobile tablet.

## **IMPORTANT SAFETY INSTRUCTIONS**

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

4. This product is intended as an aid. It is not a substitute fo responsible and proper adult supervision and should not be

swimming pool, or in a wet basement or shower.

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

7. CAUTION: Use only the battery provided. 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,

high temperature surrounding environment can result in an

explosion or the leakage of flammable liquid or gas. Dispose of used battery according to the information in **The RBRC seal**.

r polarity or voltage can seriously damage the product

Use only the adapters included with this product. Incorrect

Power adapters information:

Rechargeable battery information:

The power adapter is intended to be correctly oriented in a

vertical or floor mount position. The prongs are not designe

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

Do not use liquid or aerosol cleaners. Use a damp cloth for

12. 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

14. This product should be operated only from the type of power

15. The equipment is to be supplied from an identified USB port

18. This product should not be placed in any area where prope

complying with the requirements of Limited Power Source. 16. Do not overload wall outlets or use an extension cord.

source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or

11. Unplug this product from the wall outlet before cleaning

Zhuhai Great Power Energy Co., Ltd. Li-ion battery, 3.6V, 2600mAh, 9.36Wh; Model: ICR18650-2.6Ah-3.6V-1S1P

Unit Output: 5V DC 1A

VTech Telecommunications Ltd. Model: VT05EUS05100

Parent Unit Output: 5V DC 1A

Model: VT05EUS05100

local power company.

other unstable surfaces

radiator or heat register.

Adult setup is required.

used as such.

Follow all warnings and instructions marked on the product.

the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the 20. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access **3. CAUTION:** Do not install the baby unit at a height above 6.5

> You should test the sound reception every time you turn on he units or move one of the components.

22. Periodically examine all components

doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the

3. 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 nonitor periodically by powering off and then powering on the units, and power off the baby monitor if you will not use it for some time.

24. Children should be supervised to ensure that they do not play with the product.

children) with reduced physical, sensory or mental capabilities

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 explosion or the leakage of flammable liquid of gas. Battery subjected to extremely low air pressure may result in an . The small parts of this monitor can be swallowed by babies or small children. Keep these parts out of reach of children. e product is not intended for use by persons (including

> 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 32°F and Burn hazard, fire hazard, explosion hazard associated with

mishandling of the battery. Do not expose the product to extreme cold, heat or direct unlight. Do not put 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 this tag. 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 may cause interference with your camera unit. Try installing your camera unit as far away from hese electronic devices as possible: wireless routers, radios personal computers, kitchen appliances and cordless

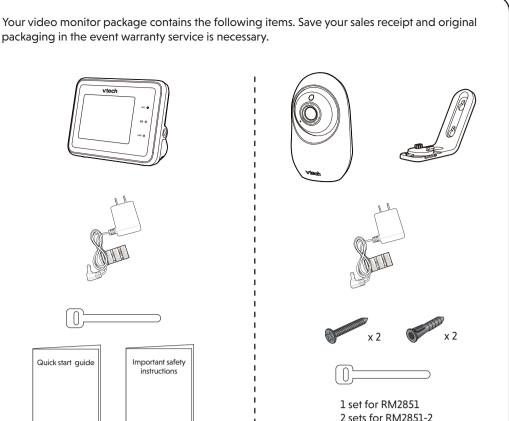
Precautions for users of implanted cardiac pacemakers Cardiac pacemakers (applies only to digital cordless devices Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the rence between portable wireless devices and implanted

#### ninistration. WTR recommends to physicians that: Pacemaker patients Should keep wireless devices at least six inches from the

Should NOT place wireless devices directly over the 17. Do not place this product on an unstable table, shelf, stand or pacemaker, 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.

ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect Electromagnetic fields (EMF) This VTech product complies with all standards regarding electromagnetic fields (EMF). If handled properly and according 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 to the instructions in this user's manual, the product is safe to be used based on scientific evidence available today.

WHAT'S IN THE BOX 19. Never push objects of any kind into this product through



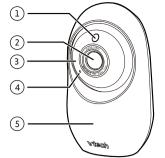
	MyVTech	Baby Pro mobile app
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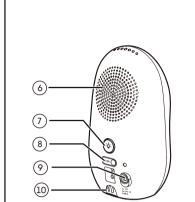
For mobile access:

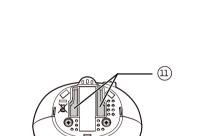
Network	Wi-Fi
Wi-Fi router	2.4GHz 802.11 b/g/n
Internet connection	1.5 Mbps @ 720p or 2.5 Mbps @1080p upload bandwidth per baby unit

# Baby unit overview

**OVERVIEW** 







## 2 Camera lens Infrared LEDs

Light sensor



Allow you to see clearly in a dark surrounding 4 Microphone

Speake

Press to turn the night light on or off.

Press and hold for three seconds to enter

pairing mode. · Reset the baby unit to factory default.

1. Press and hold PAIR key until you hear a beep sound. 2. Release the **PAIR** key, and then press

the **PAIR** key again five times until you

hear another beep sound. 3. The baby unit will sound another beep when the reset completes. Then, the

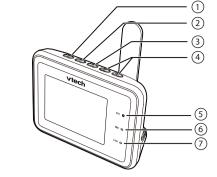
Power jack

Temperature sensor

Slots for wall mounting

baby unit will reboot.

• Wall mount bracket is included in your package.



#### MENU/SELECT

· Press to enter the main menu. While in a menu, press to choose an item, or save a setting.

#### TALK / 🗢

· Press and hold to talk to the baby unit. · While in a submenu, press to exit.

### POWER / LCD ON/OFF / EXIT

4 **VOL-/VOL+** Increase or decrease parent unit's

> volume. · While in a submenu, press to navigate leftward or rightward.

#### Microphone

6 🚾 LED light

• On when the parent unit is connected to AC power, and the battery is charging. • Flashes when the parent unit battery is

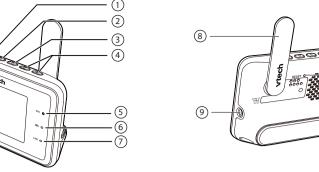
low and needs charging.

### LINK LED light

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

Flashes when the link to the baby unit

#### Parent unit overview



9 Power jack

Force reboot the parent unit.

11 Speaker

8 Antenna

10 RESET

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

If you want to stream live video remotely with your mobile device, download and install the MyVTech Baby Pro mobile app. With the mobile app, your Wi-Fi router (not included) provides Internet connectivity to your 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

## ■ Notes

· 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

When both parent unit and app are viewing the camera simultaneously, the video quality will be

# optimised to deliver the best possible viewing result.

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Channels

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#### Phone: 1 (800) 595-9511 in the U.S. or 1 (800) 267-7377 in Canada Address: 9020 SW Washington Square Road - Ste 555 Tigard, OR 97223, United States Company: VTech Communications, Inc. responsibility for any loss or claims by third parties that may arise through the use of this product. esulting from the use of this user's manual. VTech Communications, Inc. and its suppliers assume no

VTech Communications, Inc. and its suppliers assume no responsibility for any damage or loss

## DISCLAIMER AND LIMITATION OF LIABILITY

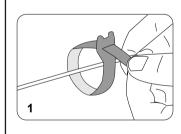
	Parent unit battery: 3.6V 2600mAh, 9.36Wh Lithium-ion battery
	Rated output: 5V DC, 1000mA.
	VTech, VT05EUS05100
ower requirement	Parent unit/Baby unit power adapters:
9gns1 əvitəə11ə lsnimoV	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
	(sləxiq 04x0x£ 29l)

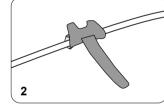
# TECHNICAL SPECIFICATIONS

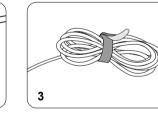
2" Color LCD

89by unit: 2412 - 2462 MHz

# **CABLE MANAGEMENT**









## 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 industryrecommended 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.

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.

- 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.

resources from industry experts: 1. Federal Communications Commission: Wireless Connections and Bluetooth Security Tips www.fcc.gov/consumers/guides/how-protect-yourself-online.

2. U.S. Department of Homeland Security: Before You Connect a New Computer to the Internet –

For more information on wireless connections and protecting your data, please review the following

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.

4. Wi-Fi Alliance: Discover Wi-Fi Security – http://www.wi-fi.org/discover-wi-fi/security.

# CONNECT, CHARGE AND POWER ON THE BABY MONITOR

#### Connect the baby monitor

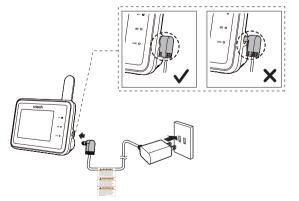
#### ■ Notes

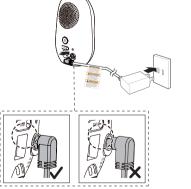
The rechargeable battery in the parent unit is built-in.

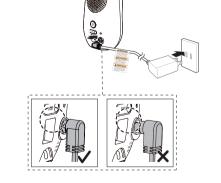
Use only the power adapters supplied with this product. Make sure the parent unit and the baby unit are not connected to the switch controlled electric outlets.

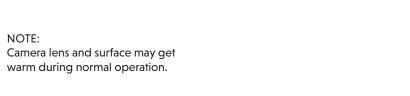
Connect the power adapters in a vertical or floor mount position only. The adapters' prongs are not designed to hold the weight of the parent unit and the baby unit, so do not connect them to any ceiling, under-the-table, or cabinet outlets. Otherwise, the adapters may not properly connect to the outlets.

Make sure the parent unit, the baby unit and the power adapter cords are out of reach of children.









## Charge the parent unit battery before use

The standby time varies depending on your actual use.

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 alone, the parent unit can cordlessly run for a short time only.

## ■ Notes

• Before using the baby monitor for the first time, charge the parent unit battery for 12 hours. When the parent unit battery is fully charged, the battery icon becomes solid **.....** 

After the parent unit is fully charged, press **POWER** until the welcoming screen appears.





BATTERY INDICATORS	BATTERY STATUS	Action
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.

## Raise the parent unit antenna for better reception



# Basic Operation

After powering up your video monitor, the parent unit streams live video in direct mode. We recommend you follow the instructions on screen to set up home Wi-Fi network with your monitor for functionality enhancements and mobile access. See Auto software and firmware update and Download app for mobile access in this quick start guide.

#### Use the menu

Press = on the parent unit to enter the main menu, choose a menu item, or save a setting. You can use the parent unit menu for advanced settings or operations, such as to play or stop lullaby, or adjust the motion and soun d detection settings.

While in the menu: Press • or • to scroll among the

- menu options. Press  $\equiv$  to select an item.

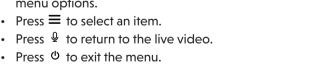
Adjust speaker volume

baby unit.

Press Ч⁻ or Ч⁺ to adjust your parent

unit speaker volume. It determines the

volume of sound transmitted from your





#### Turn on/off the parent unit screen

Talk to your baby via the baby unit

Press and hold the TALK key.

3. When finish talking, release

baby unit.

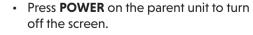
2. When the  $\stackrel{\mbox{\@}}{=}$  icon displays on

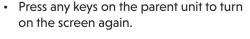
screen, speak to your parent unit.

Your voice is transmitted to the

the **TALK** key and hear your baby

ou can turn on or off the parent unit scree without powering off the parent unit. You can still hear sound from the baby unit.

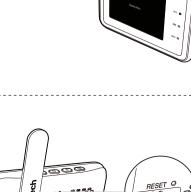


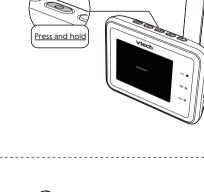


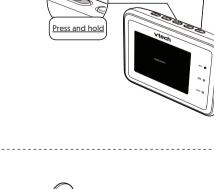


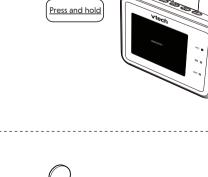
You can reset the parent unit by pressing the **RESET** key at the back of the unit.

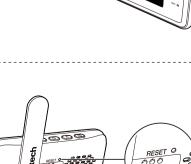
Use a pin and insert it into the hole on the back of the parent unit, and then press the button inside.

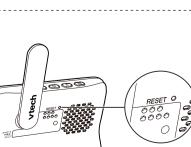






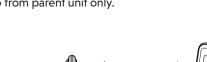




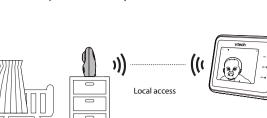




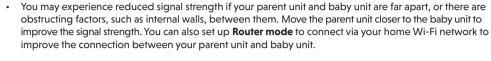
How the system works



The parent unit and the baby unit of your video monitor connect to each others in Direct mode



## 兴 TIP



#### Router mode You can continue using your video monitor



has stronger signal strength