VM5463

Full Colour Pan and Tilt Video Monitor

Quick start guide

Specifications are subject to change without notice.
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UM_21_VM5463_UK_QSG_V5

Credits:

The *Background Noise* sound file was created by Caroline Ford, and is used under the Creative Commons license.
The *Stream Noise* sound file was created by Caroline Ford, and is used under the Creative Commons license.
The *Crickets At Night* sound file was created by Mike Koenig, and is used under the Creative Commons license.
The *Heart Beat* sound file was created by Zarabina, and is used under the Creative Commons license.

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Baby unit: 2405 - 2475 MHz Parent unit: 2405 - 2475 MHz Maximum power used by the transmitter: 0.10W (100mW)
Channels	32
LCD	5" Colour LCD (WQVGA 480x272 pixel)
Nominal effective range	Actual operating range may vary according to environmental conditions at the time of use.
Power requirements	Parent unit: 3.8V 2100mAh, Li-Ion battery Baby unit power adapter: Output: 5V DC ⎓ 1A Parent unit power adapter: Output: 5V DC ⎓ 1A

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 injury, including the following:

1. Follow all warnings and instructions marked on the product.
2. Adult setup is required.
3. **CAUTION:** Do not install the baby unit at a height above 2 metres.
4. This product is intended as an aid. This product is not a substitute for adult supervision of the infant. Supervising the infant is the responsibility of the parent or carer.
5. This product is not intended for use as a medical monitor.
6. Do not use this product near water, for example, near to a bath, sink, swimming pool or shower.
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, 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 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.
8. Use only the adaptors included with this product. Incorrect adaptor polarity or voltage can seriously damage the product.

   Power adaptor information:
   Output: 5V DC 1A
   Ten Pao Industrial Co.,Ltd.
   Model: S005BNV0500100(EU); S005BNB0500100(UK).
   -OR-
   Vtech Telecommunications LTD
   Model: VT05EEU05100 (EU); VT05EUK05100 (UK)

   Rechargeable battery information:
   Li-ion battery, 3.8V 2100mAh
   Zhongshan Tianmao Battery Co., Ltd.
   Model Number: BP1763
9. The power adapters are 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.
10. For pluggable equipment, the socket-outlet should be installed near the equipment and should be easily accessible.
11. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
12. Do not cut off the power adaptors to replace them with other plugs, as this causes a hazardous situation.
13. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
14. 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.
15. Do not overload wall outlets or use an extension cord.
16. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
17. This product should not be placed in any area where proper 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 radiator or heat source.
18. 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 product.
19. 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 doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
20. You should test the sound reception every time you turn on the units or move one of the components.
21. Periodically examine all components for damage.
22. 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 will not use it for some time.**
23. Children should be supervised to ensure that they do not play with the product.
24. 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

Cautions

1. Use and store the product at a temperature between 0°C and 40°C.
2. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
3. Batteries should not be exposed to excessive heat such as bright sunshine or fire.
4. Warning–Strangulation Hazard–Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3 ft (0.9 m) away). Do not remove this tag.

5. Never place the baby unit(s) inside the baby's cot or playpen. Never cover the baby unit(s) or parent unit with anything such as a towel or a blanket.
6. Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances 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

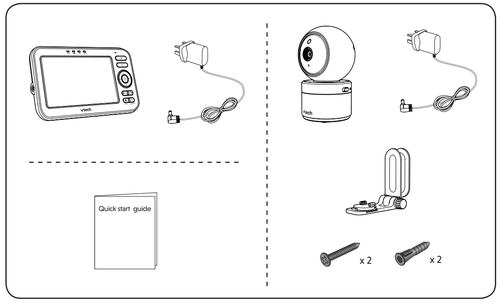
- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

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.

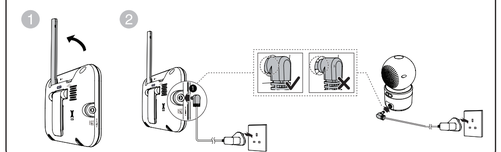
What's in the box



1 Connect the baby monitor

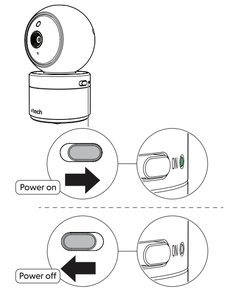
NOTES

- The rechargeable battery in the parent unit is built-in.
- Use only the power adapters supplied with this product.
- Make sure the baby monitor is not connected to a switch-controlled electric outlet.
- Connect the power adapters in a vertical or floor mount position only. The adapters' prongs are not designed to hold the weight of baby monitor, 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 units and the power adapter cords are out of reach of children.



2 Power on or off the baby monitor

1 Slide the switch to power on or off your baby unit.



2 Press and hold **POWER** to power on or off your parent unit.

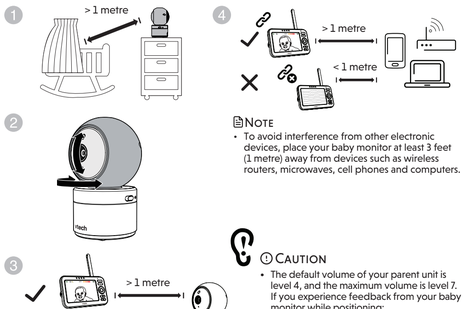
Power On

Power Off

3 Positioning the baby monitor

CAUTION

- Keep the baby unit out of the reach of your baby. Never place or mount the baby unit inside the baby's cot or playpen.



NOTE

- To avoid interference from other electronic devices, place your baby monitor at least 3 feet (1 metre) away from devices such as wireless routers, microwaves, cell phones and computers.

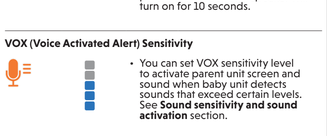
CAUTION

- The default volume of your parent unit is level 4, and the maximum volume is level 7. If you experience feedback from your baby monitor while positioning:
  - Make sure your baby unit and parent unit are more than 3 feet (1 metre) apart, OR
  - Lower the volume of your parent unit.

4 Status check

Once you power on both your baby unit and parent unit, your parent unit displays image from the baby unit, and the **LINK** LED light turns on.

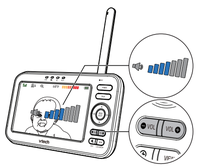
The **ON** LED light of baby unit turns on.



Basic operation - Parent unit

Adjust speaker volume

Press VOL − / VOL + to adjust your parent unit speaker volume.



Zoom

Press to zoom in or out.

Use the menu

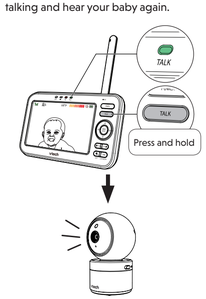
Press MENU SELECT to enter the menu, choose a menu item, or save a setting. You can use the parent unit for advanced settings or operations, such as to play or stop the baby unit lullaby, or to adjust the baby unit sound sensitivity.

While in the menu:

- Press ❮ or ❯ to scroll among the menu options.
- Press MENU SELECT to select an item, or to save a setting.
- Press ∧ or ∨ to scroll among the sub-menus, or to adjust a setting.
- Press ❮ to return to the previous menu options without changing the current setting.
- Press /EXIT to return to live video.

Talk to your baby unit

Press and hold **TALK** and speak to your parent unit. Your voice is transmitted to the baby unit. Release **TALK** when finish talking and hear your baby again.



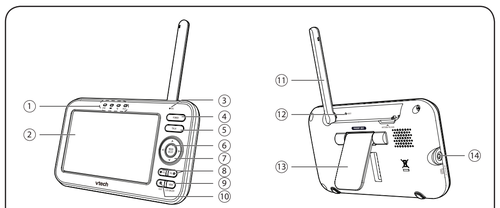
Turn off the screen

Press and hold **LCD ON/OFF** to switch off the screen. You can still hear sound from the baby unit.

TIP

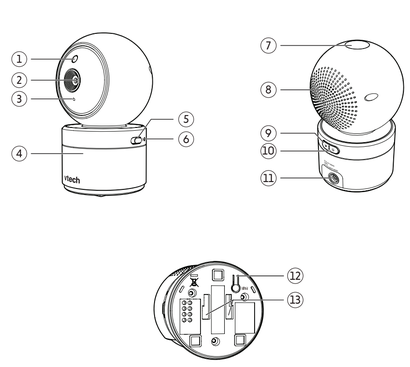
- Press any keys on the parent unit to turn on the screen again.

Overview - Parent unit



1	**LED lights**	6	**MENU/SELECT**	10	**/EXIT**
2	**LCD display**	7	**Arrow keys**	11	**Antenna**
3	**Microphone**	8	**Volume**	12	**RESET**
4	**POWER**	9	**VIEW /LCD ON/OFF**	13	**Stand**
5	**TALK**			14	**Power jack**

Overview - Baby unit



1	**Light sensor**	7	**Light projection**
2	**Camera lens**	8	**Speaker**
3	**Microphone**	9	**Projection light on/off key**
4	**Night light**	10	**Night light on/off key**
5	**On/Off switch**	11	**Power jack**
6	**On/Off LED light** • On when the baby unit is turned on and is paired to the parent unit. • Flashes when the baby unit is not being viewed; or when the link to the parent unit is lost.	12	**PAIR key**
		13	**Slots for wall mounting**

Parent unit icons

Main menu icons

Main menu	Sub-menu	
Brightness		• Adjust the parent unit's LCD brightness.
Camera settings	**Baby unit speaker volume**	• Adjust the baby unit's speaker volume.
Lullaby	**Play/Stop lullaby**	
	1 2 3 4	• Select one of the soothing sounds, or white noise.
	1 2 3 4 5	• Select one of the five melodies. • Play all melodies.
	60min 45min 30min 15min	• Set timer to stop playing the selected melody or soothing sound.
Night light	**ON / OFF**	**Turn on/off night light**
	1 2 3 4 5 6 7	• Select one of the night light colours. • Change to all seven colors in cycles.

Main menu	Sub-menu	
	60min 30min 15min	• Set timer to turn the night light off.
	AUTO	• Set to auto turn on the night light when baby unit detects sound. It will turn off after 15 minutes of no sound detection. Set **VOX sensitivity level** to detect sounds that only exceed certain levels. See **Sound sensitivity and sound activation** section for more.
	ON / OFF	• Turn on/off the adaptive night light feature. When on, baby unit detects ambient light. If the room is bright, the night light adjusts itself to be brighter; if the room is dim, the night light adjusts itself to be less bright.
Projection light	**ON / OFF**	**Turn on/off projection light**
	60min 45min 30min 15min	• Set timer to turn the projection light off.
	AUTO	• Set to auto turn on the projection light when baby unit detects sound. It will turn off after 15 minutes of no sound detection. Set **VOX sensitivity level** to only detect sounds that exceed certain levels. See **Sound sensitivity and sound activation** section for more.
Alert tones		• Set the parent unit to beep when the battery is low.
		• Set the parent unit to beep when the link between the parent unit and the baby unit is lost.
		• Set the confirmation tone on or off when selecting an option in the menus.

Main menu	Sub-menu	
Temperature	**ON / OFF**	• Turn on/off temperature alert tone. • Set the parent unit to beeps whenever the room temperature detected by the baby unit falls outside of the set temperature range.
		• Set the minimum temperature.
		• Set the maximum temperature.
	°F °C	• Set temperature display in Fahrenheit (°F) or Celsius (°C)
Sound activation - screen and audio	**ON / OFF**	**Turn on/off sound activation** • Set sound activation on or off. • When it is on, and the baby unit dects no sound, the parent unit screen stays off to save power. Once a sound is detected, the parent unit screen and speaker turns on automatically, and you can see and hear your baby. The parent unit will then turn off again after 50 seconds of no sound detection.
		NOTE • When the parent unit screen is off and it receives alerts, for example, link lost between parent unit and baby unit, or battery is low, the parent unit screen and speaker will turn on for 10 seconds.
VOX (Voice Activated Alert) Sensitivity		• You can set VOX sensitivity level to activate parent unit screen and sound when baby unit detects sounds that exceed certain levels. See **Sound sensitivity and sound activation** section.

Parent unit icons (Cont'd)

Status icons

Connection status
- - Strong signal strength.
- - Moderate signal strength.
- - Low signal strength.
- - Weak signal strength.

Current view status
- Displays camera when baby unit successfully linked to parent unit.

Night vision - On

Zoom - On

Lullaby - On

Night light - On

Night light - Auto-on
- Colour icon indicates the night light is set to auto-on, and is currently turned on by sound activation.
- Gray icon indicates the night light is currently off but is set to auto-on. Night light will turn on when sound is detected by the baby unit.

Projection light - On

Projection light - Auto on
- Colour indicates the projection light is set to auto-on, and is currently turned on by sound activation.
- Gray icon indicates the projection light is currently off but is set to auto-on. Projection light will turn on when sound is detected by the baby unit.

Status icons

°F or °C

Real-time temperature
- Real-time temperature detected by the baby unit in Fahrenheit (°F) or Celsius (°C) (e.g. **57**°F or **14**°C).

Temperature alert tone - On

9-level sound indicator
- 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.

Mute alert
- Displays when the parent unit speaker volume is set to off.
- Displays when the parent unit is talking to the baby unit.

Battery status
- animates when the battery is charging.
- - battery is fully charged.
- - battery is low and needs charging.

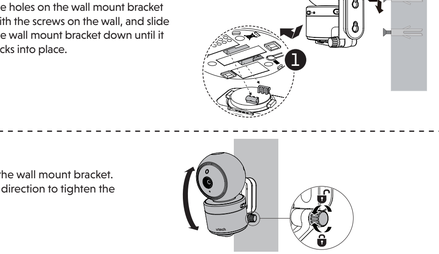
Speaker volume - displays the parent unit speaker volume level while adjusting.

Alert icons

- Displays when parent unit's battery is low and needs charging.
- Displays when connection between parent unit and baby unit is lost.
- Baby unit detects temperature reaches or exceeds the set maximum.
- Baby unit detects temperature is at or is lower than the set minimum.

Projection light

Tip
- The projection light located on the top of the baby unit projects a starry soft night light scene onto the ceiling with a tilting angle. Adjust your baby unit's position with the projection light to help sooth your baby to sleep. For optimal performance, place the baby unit in upright position.



Sound sensitivity and sound activation

Adjust sound detection sensitivity

You can turn on **Sound activation** and adjust the **VOX sensitivity** to detect sounds and turn on the parent unit while its screen is switched off or dimmed.

When the baby unit detects sounds that exceed certain levels, the parent unit screen will turn on and the baby unit starts transmitting the sounds to the parent unit, and you can see and hear your baby. If you have turned on the **Night light Auto-on** and the **Projection light Auto-on** feature, they will turn on automatically to sooth your baby.

If you turn off **Sound activation**, you will hear sounds from the baby unit all the time, even when the parent unit screen is switched off.

VOX Sensitivity level	Level 5 (Highest)	Level 4 (High)	Level 3 (Medium)	Level 2 (Low)	Level 1 (Lowest)
Description	(Default setting) The parent unit screen and speaker turn on for very small sounds, including background noises from your baby's room.	The parent unit screen and speaker turn on for soft babbling and louder sounds from your baby. The parent unit remains quiet when your baby sleeps soundly.	The parent unit screen and speaker turns on for loud babbling and louder sounds from your baby. The parent unit remains quiet when your baby makes soft sounds.	The parent unit screen and speaker turn on for crying and louder sounds from your baby. The parent unit remains quiet when your baby makes soft sounds.	The parent unit screen and speaker turn on for loud crying or screeching sounds from your baby. The parent unit remains quiet when your baby makes soft sounds.

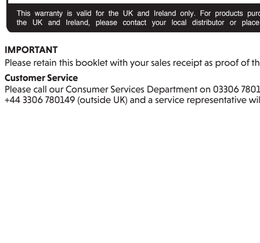
Sound activated screen and audio

When **Sound activation** is on, the parent unit screen remains off to save power when the baby unit detects no sound.

Once the baby unit detects sounds that are louder than the chosen sound sensitivity level, the parent unit screen and speaker turn on automatically. The parent unit will then turn off again after 50 seconds of no sound detection.

Note
- If you have muted the parent unit speaker, only the parent unit screen will turn on when a sound is detected.

Night vision



The baby unit has infrared LEDs that allow you to see your baby clearly at night or in a dark room. When the baby unit being viewed detects low light levels, the infrared LEDs are switched on automatically. The images from the baby unit are in black and white, and appears on the screen.

Notes
- It is normal if you see a short white glare on your parent unit screen as the baby unit adapts to the dark environment.
- When the infrared LEDs are on, the images are in black and white. This is normal.

Tip
- Depending on the surroundings and other interfering factors, like lightings, objects, colours and backgrounds, the video quality may vary. Adjust the baby unit angle or place the baby unit at a higher level to prevent glare and a blurry display.

Dim mode

Dim mode helps you save parent unit power. Your parent unit display will dim automatically after 10 minutes of inactivity, when no keys are pressed or alerts are received from the baby unit.

General product care

To keep this product working well and looking good, follow these guidelines:
- Avoid placing it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft damp cloth.
- DO NOT immerse the parent unit and the baby unit in water and do not clean them under running water.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit and parent unit are dry before you connect them to the mains again.

Storage

When you are not going to use the baby monitor for some time, store the parent unit, the baby unit and the adaptors in a cool and dry place.

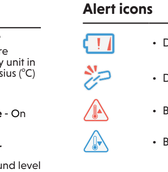
Adult supervision

- This baby monitor should be for use by adults only.
- Do not place the baby unit inside the cot or playpen.
- To ensure your children's safety, do not allow them to touch or play with the baby monitor and its accessories. THIS IS NOT A TOY.

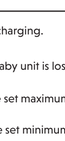
Mount the baby unit on dry wall (optional)

Notes
- Check for reception strength and camera angle before drilling the holes.
- The types of screws and anchors you need depend on the composition of the wall. You may need to purchase the screws and anchors separately to mount your camera units.

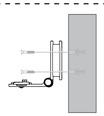
1. Place the wall mount bracket on a wall and then use a pencil to mark two holes in parallel. Remove the wall mount bracket and drill two holes in the wall (5.5mm drill bit).



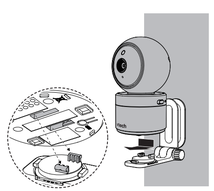
2. If you drill the holes into a stud, go to step 3.
   - If you drill the holes into an object other than a stud, insert the wall anchors into the holes. Tap gently on the ends with a hammer until the wall anchors are flush with the wall.



3. Align the wall mount bracket and screws with the holes in the wall as shown. Tighten the screw in the middle hole first, so that the wall mount bracket position is fixed. You can tighten the other screw in the top hole.



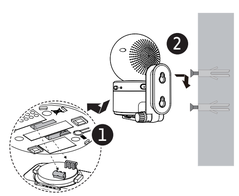
4. Place the camera unit on the wall mount bracket, and then slide it forward until it locks into place. Connect the power adapter to the camera unit and a power supply not controlled by a wall switch.



OR

3. Insert the screws into the holes and tighten the screws until only 6mm of the screws are exposed.

4. Place the camera unit on the wall mount bracket, and then slide it forward until it locks into place. Align the holes on the wall mount bracket with the screws on the wall, and slide the wall mount bracket down until it locks into place.



5. You can maximize your camera unit viewing angles by tilting the wall mount bracket. Hold the camera unit, and then rotate the knob in anticlockwise direction. This will loosen the joint of the wall mount bracket. Tilt your camera unit up or down to adjust to your preferred angle. Then, rotate the knob in clockwise direction to tighten the joint and secure the angle.

Customer service and product warranty

PRODUCT REGISTRATION

Visit www.vtech.co.uk/clubvtech/login to register your VTech product

By joining the VTech Club you can also enter competitions, find out about news and events, seek expert advice for parents and let your kids play fun learning games and activities.

PRODUCT WARRANTY

Thank you for choosing this quality product from VTech.

1. The product detailed above is covered by a one year warranty from the date of purchase, against any defects in materials or workmanship.
2. The product may be returned to the place of purchase. Alternatively the product can be returned to VTech Electronics Europe Plc (see address below), with proof of purchase, without proof of purchase no replacement will be provided.
3. VTech Electronics Europe Plc will examine the product and if it is found to be defective due to faulty materials or workmanship, will replace the product at their discretion.
4. If the product covered by this warranty is damaged due to misuse, modification or unauthorized repair, or because of faulty batteries, battery discharge or incorrect electrical connections, then this warranty becomes void.
5. This warranty is personal to the original purchaser and is not transferable.
6. Breakages to the LCD screen are not covered by the warranty.
7. Products returned to VTech Electronics Europe Plc, should be sent to the address shown below and packed carefully to avoid damage in transit. Please do not include batteries or adaptors. Please include details of the fault together with your name and address, contact phone number and/or email address.
8. To keep an online record of your warranty, please register your product online at www.vtech.co.uk/clubvtech

VTech Electronics Europe Plc, c/o XPO Logistics, Warehouse 350, Cat & Fiddle Lane, West Hallam, DE7 6HE

THIS WARRANTY IS OFFERED AS AN EXTRA BENEFIT AND DOES NOT AFFECT CONSUMERS' STATUTORY RIGHTS.

This warranty is valid for the UK and Ireland only. For products purchased outside the UK and Ireland, please contact your local distributor or place of purchase.

IMPORTANT

Please retain this booklet with your sales receipt as proof of the date of purchase.

Customer Service

Please call our Consumer Services Department on 03306 780149 (from UK) or +44 3306 780149 (outside UK) and a service representative will be happy to help you.

Disposal of batteries and product

The crossed-out wheelie bin symbols on products and batteries, or on their respective packaging, indicates they must not be disposed of in domestic waste as they contain substances that can be damaging to the environment and human health.

The chemical symbols Hg, Cd or Pb, where marked, indicate that the battery contains more than the specified value of mercury (Hg), cadmium (Cd) or lead (Pn) set out in Battery Directive (2006/66/EC).

The solid bar indicates that the product was placed on the market after 13th August, 2005.

Help protect the environment by disposing of your product or batteries responsibly.

Declaration of Conformity

This product is intended for use within Europe and UK.
This equipment complies with the essential requirements to EU's Radio Equipment Directive (2014/53/EU) and the UK's Radio Regulations 2017 on radio systems and telecommunication equipment.
VTech Telecommunications Ltd. hereby declares that this Video Monitor VM5463 is in compliance with the essential requirements and other relevant provisions of EU's Radio Equipment Directive (2014/53/EU) and UK's Radio Equipment Regulations 2017.
The Declaration of Conformity for the VM5463 is available from www.vtechbabycare.com.

Manufacturer: VTech Telecommunications Ltd.
23/F., Tai Ping Industrial Centre, Block 1, 57 Ting kok Road, Tai Po, Hong Kong.

Importer: VTech Electronics Europe Plc
Napier Court, Abingdon Science Park, Abingdon, Oxon, OX14 3YT, U.K.