

# UCOM

## BABY VIEWER 1200



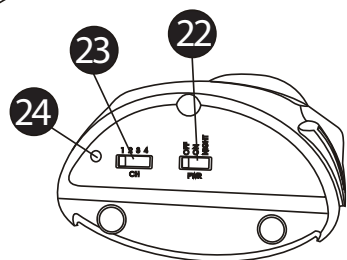
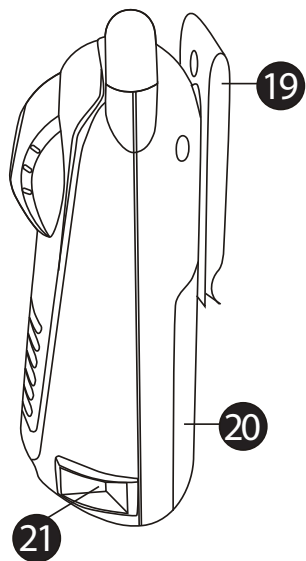
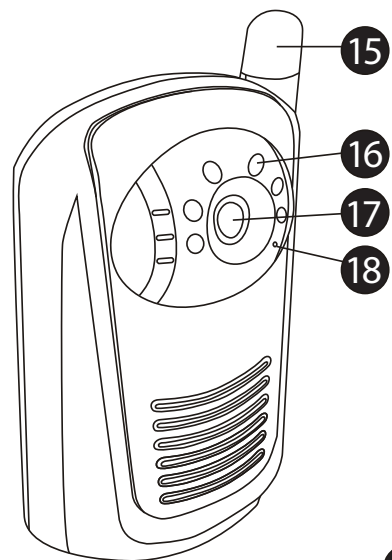
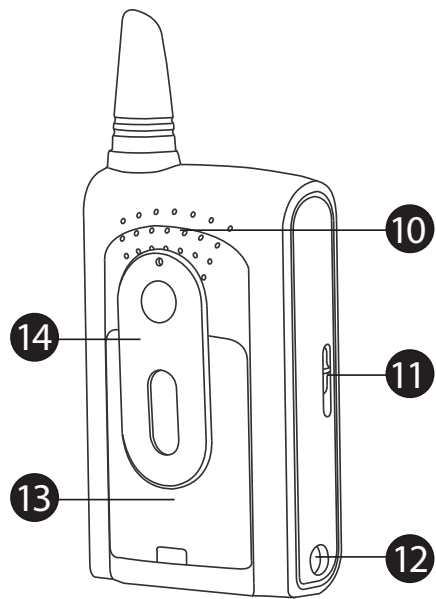
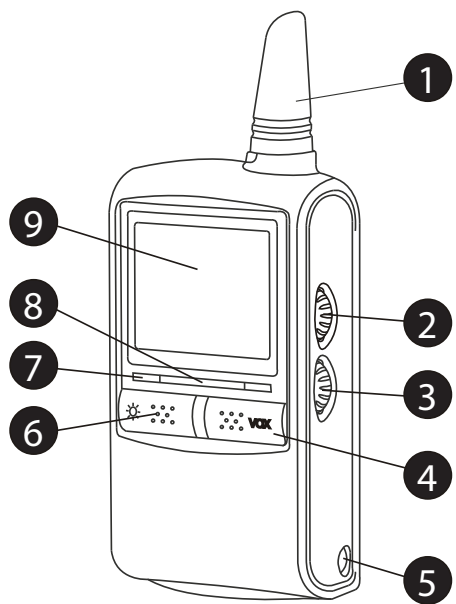
**UK** The features described in this manual are published with reservation to modifications.

**UK** The CE symbol indicates that the unit complies with the essential requirements of the R&TTE directive.

**USER GUIDE**

V.1.1, 09/08





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# 1 Introduction

Thank you for purchasing this new baby video monitor.

Read this user guide very carefully and follow all advises. Only so, you will learn all functions and avoid malfunctions or damage.

Keep this manual on a safe place for future use.

## 2 Intended purpose

With the Baby Viewer 1200, you can see and hear your baby during sleeping or you can monitor your older children in their playroom.

The maximum distance between the baby unit and parent unit is 100 m in an open area.

The Baby Viewer 1200 can be connected to your television with the enclosed AV cable.

## 3 Safety Instructions

### 3.1 Safety

- Adult assembly required. Keep small parts away from children when assembling.
- This product is not a toy. Do not allow children to play with it.
- The baby video monitor is not a substitute for responsible and proper adult supervision and should not be used as such.
- Make sure the baby unit and adapter cable are always out of reach of the baby, keep it at least one metre away.
- Test the baby video monitor before use. Get confident with the functionality.
- Never place the baby unit inside the baby's bed or playpen!
- Never cover the baby video monitor (e.g. with a towel, blanket, etc.).
- Do not connect with the enclosed power adapters to the 230V main power, using an extension lead.
- Secure the cords away from babies reach.

### 3.2 Batteries

- Never use non-rechargeable batteries in the parent unit.
- Only insert batteries of the same type.
- Insert batteries so they connect to the right poles (indicated in the battery compartment).
- Batteries can cause property damage such as burns if conductive material such as jewellery, keys or beaded chains touches exposed terminals. The material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects.
- Do not replace batteries in a potentially explosive atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion.
- Never throw batteries in fire as they may explode.
- Keep batteries away from small children.
- Leaking acid from batteries may damage the device permanently. Remove the batteries if the device is not going to be used for a long period.
- Handle damaged or leaking batteries very carefully.

### 3.3 Electrical safety and protection

- Only use the power adapter supplied. Do not use other power adapters, as these may damage the device.
- Do not touch the power adapter and plug contacts with sharp or metal objects.
- Do not operate the equipment if the mains plug, cable or the equipment itself is damaged.
- If the equipment is dropped, then it must be checked by an electrician before further use.
- Dangerous voltages are present inside the equipment. Never open the housing or insert objects through the ventilation holes.
- The equipment is not to be used in a damp room (e.g. bathrooms) or rooms where there is a lot of dust.
- Do not use the equipment near water.
- Do not allow liquids to get into the equipment. In case of emergency, pull out the plug from the socket.
- Similarly, if a fault develops during use or before you start to clean the equipment, pull the plug out of the socket.
- Do not carry out any modifications or repairs to the equipment yourself. Have repairs done to the equipment or the mains cable only by a specialist service centre. Unsatisfactory repairs can lead to considerable danger for the user.
- Children frequently underestimate the dangers associated with electrical equipment. Therefore you must never leave children unsupervised in the vicinity of electrical equipment.
- Equipment connected to the mains during a thunderstorm can be damaged by lightning. Therefore you should pull the plug out of the mains socket during a storm.
- To completely disconnect the equipment from the electricity supply, the plug must be removed from the socket. When doing this always pull on the plug itself and never on the cable.
- Protect the mains cable from hot surfaces or other sources of damage and do not allow it to become constrained.
- Unwind the mains cable completely before use. Make sure that the mains cable does not represent a trip hazard.

## 4 Privacy and interference

- Always remember that you are using public air waves when you use the baby video monitor. Sound and video may be broadcasted to other receiving devices. Conversations, even from rooms near the baby unit may be broadcasted as well. To protect your privacy, always turn the baby unit off when not in use.
- It is possible for the parents unit to pick up sounds or display interference from other signal producing devices (Other audio or video monitors which broadcast in the 2.4GHz range, wireless LAN,...)
- To minimize this potential problem, 4 independent channels are available for your use.
- If the parents unit experiences interference, simply switch both the baby- & parents units to another channel. Selecting a channel is usually a one-time adjustment. If interference persists on all channels, please refer to the troubleshooting section in chapter 10.

## 5 Package content

- 1 Parent unit
- 1 Baby unit
- 1 Power adapter (6V/400mA)
- 1 Power adapter (6V/800mA)
- 1 Belt clip
- 1 Audio/Video cable
- 1 User guide
- 1 Service card

## 6 Description

See folded cover page

### 6.1 Parent Unit

- |                                      |                           |
|--------------------------------------|---------------------------|
| 1. Antenna                           | 8. Volume indicator LED's |
| 2. Vox sensitivity                   | 9. LCD Display            |
| 3. Volume control                    | 10. Speaker               |
| 4. VOX On/Off button                 | 11. Channel select switch |
| 5. Power adapter socket              | 12. AV output socket      |
| 6. Display brightness control button | 13. Battery compartment   |
| 7. Power LED                         | 14. Belt clip             |

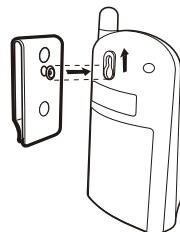
### 6.2 Baby unit

- |                                    |                           |
|------------------------------------|---------------------------|
| 15. Antenna                        | 20. Battery compartment   |
| 16. Infrared LED's                 | 21. Power adapter socket  |
| 17. Lens                           | 22. Off/On/Night switch   |
| 18. Microphone                     | 23. Channel select switch |
| 19. Belt clip / wall mounting hook | 24. Power LED             |

## 7 Baby unit installation



### 7.1 Installing/Removing the Belt Clip

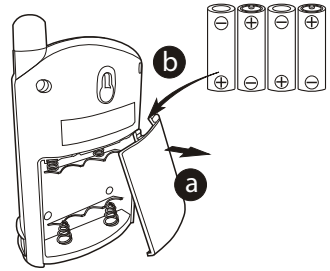
1. To install the belt clip **19**, align the belt clip pin with the hole at the backside of the baby unit. Move the pin into the hole. Gently slide the belt clip upwards.
2. To remove the belt clip **19** from the unit, slide the belt clip downwards. Pull the clip away from the unit.



## 7.2 Baby unit battery Installation

The baby unit can be used either with 4 AA - Size non rechargeable batteries, 4 AA Ni-MH rechargeable batteries or with power adapter.

- Press the battery cover  gently and slide it away from the unit.
- Install 4 'AA' Alkaline or charged Ni-MH rechargeable batteries following the polarity as shown and close the battery cover .

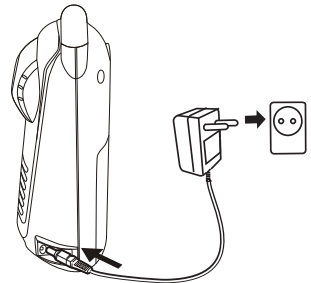



**The Baby unit has no charging function.  
Do not mix old batteries with new ones.  
Keep batteries away from small children.  
Do not short-circuit & dispose of in fire.  
Remove the batteries if this device is not going to be used for a long period.**

## 7.3 Baby unit power supply



**Only use the power adapter supplied (DC 6V, 400mA). Do not use other adapters, as this may damage the device.  
The wall outlet for the power supply must be close and easy accessible.**



Connect the small plug of the power adaptor to the Baby unit DC power adapter socket  and the other end of the adapter cable to the electric socket (230V/50Hz).

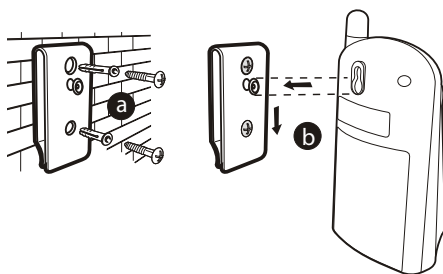
## 7.4 Wall mounting the baby unit

You can can mount the baby unit on the wall. The baby unit is clicked into position and can be easily removed.

The advantage off wall mounting is that the reception quality is always the same.

However, the monitor reception should be tested before fixing the baby unit in place. Have someone hold the camera against the wall in the selected mounting area while you check the reception on the monitor. You may need to select a different location in the room for mounting the camera.

- Drill, with a for the wall material suited drill, two 6 mm holes in a vertical position with a distance of 33 mm at the location you want to install the baby unit (see illustration a).
- Press the enclosed wall plugs into the two holes and fix the enclosed wall mounting hook 19 by screwing in the enclosed screws into the wall.
- Align the wall mounting hook 19 pin with the hole at the backside of the baby unit. Move the pin into the hole (see illustration b).
- Gently slide the baby unit downwards.



**Do not place the baby unit within the babies reach!**

## 8 Parent unit

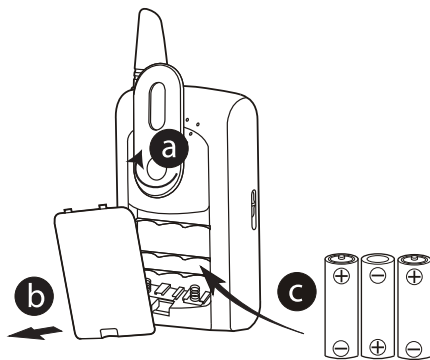
First remove the protections foil from the display.



**DO NOT INSTALL NON-RECHARGEABLE BATTERIES IN THE PARENT UNIT WHEN YOU CONNECT THE POWER ADAPTER. THIS MAY CAUSE AN THE BATTERIES TO HEAT AND EVEN EXPLODE. Only use the power adapter supplied (DC 6V, 800mA). Do not use other adapters, as this may damage the device. The wall outlet for the power supply must be close and easy accessible.**

### 8.1 Parent unit - installing rechargeable batteries

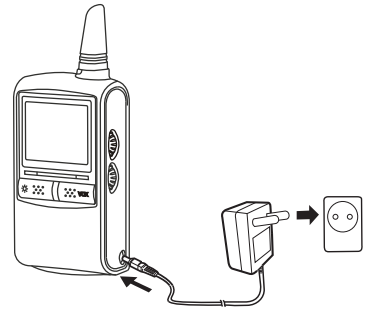
- Turn the belt clip 14 facing upwards (see illustration a).
- Remove the battery cover 13 (see illustration b).
- Install 3 'AA' rechargeable batteries (Ni-MH) following the polarity as shown and close the battery door 13 (see illustration c).



## 8.2 Charging batteries

After installing 3 Ni-MH - rechargeable batteries.

- Connect the small plug of the power adaptor to the DC Power adapter socket ⑤ of parent unit and the other end of the adapter to the electric socket (230V/50Hz)
- The power LED ⑦ will turn red.
- When the battery is fully charged, the power LED will turn off.
- Disconnect the power adaptor from the main power after charging the batteries.

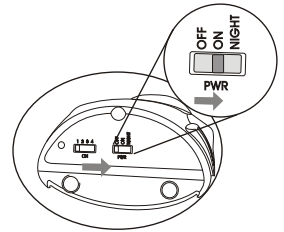


## 9 Using the Baby Viewer 1200

### 9.1 Turning the Baby Viewer ON/OFF

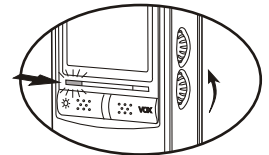
#### 9.1.1 Baby unit

- Slide the Power switch ②② to the **ON** position. The power LED ②④ illuminates (see illustration).
- Slide the Power switch ②② to the **OFF** position to turn the baby unit off (see illustration).



#### 9.1.2 Parent unit

- Turn the On/Off/Volume switch ③ counter clockwise to turn the unit on and set to the desired audio volume (see illustration).
- Turn the On/Off/Volume switch ③ clockwise to turn the parent unit off.



### 9.2 Selecting the channel

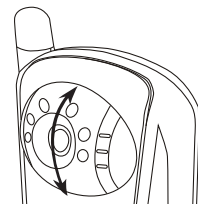
Once the parent unit and baby unit are switched on, the display ⑨ should show the captured video and the audio.

The channel select switches on the baby unit ②③ and the parent unit ①① must be set at the same channel number.

If the Parents Unit experiences interference, switch both the baby- & parents Units to another channel. Selecting a channel is usually a one-time adjustment. If interference persists on all channels, please refer to the Troubleshooting Section in chapter 10.

### 9.3 Fine tuning

- Place the baby unit in a convenient location, point the lens ①⑦ to the observation area.
- Adjust the angle by rotation the lens as illustrated.



**Do not place the baby unit within the babies reach!**

## 9.4 Night vision

The baby unit has 6 infrared LED's **16** for picking up clear images in the dark. To turn on the night vision function, slide the Off/On/Night switch **22** on the bottom of the baby unit to the 'NIGHT' position.



**The image changes automatically into black and white mode under the night vision mode.  
Turn off the night vision function when not required, to save power.**

## 9.5 Setting the parent - unit display brightness

- Press the display brightness control button **6** repeatedly to change the display brightness (4 gradations).

## 9.6 VOX function

To save power, the display can be voice activated (**VOX**).

- Press the VOX-button **4** on the parent unit. This will turn off the display **9**, but the LED under the button will illuminate.
- In VOX mode, the display **9** will turn on when it is activated by the babies voice or other sound around the baby unit. It will turn off again after about 30 seconds.
- The VOX sensitivity can be changed by rotating the VOX switch **2**.  
Up = Lowest sensitivity position  
Down = Highest sensitivity position
- Press the VOX-button **4** again to turn off VOX - mode. The LCD will be on continuously.

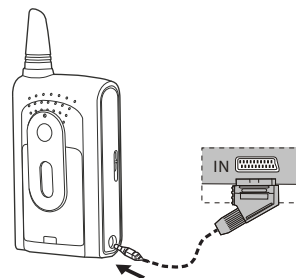


**During VOX mode, only the display will turn off.  
The voice signal will be continuously audible.**

## 9.7 Connecting the parent unit to your television

The baby video monitor comes with an Audio/Video cable (AV) for connecting to the SCART input of a television (TV).

- Connect the mini plug of the provided AV cable to the AV jack **12** of the parent unit.
- Connect the SCART connector to the connector on your TV.
- Select the corresponding Audio/Video channel on your TV.
- The TV will show the received video in colour.



# 10 Troubleshoot

## 10.1 If you do not get a signal at all

- Make sure the baby unit and the parent unit are turned on.
- Check that the channel select switches on the baby unit **23** and the parent unit **11** are set to the same channel.

- If the baby unit and parent unit are powered by batteries, replace all batteries with new ones.

## 10.2 If the signal is poor, or there is interference.

- Check that the channel switches on the baby unit **23** and the parent unit **11** are set to the same number.
- If there is a microwave oven in use in the path between the baby unit and parent unit, turn it off or move the baby- or parent unit.
- Make sure the baby unit and the parent unit are within range of each other (maximum 100 meters in a clear line of sight).
- WLAN signals may interfere with the signal. First try to set the channel of baby and parent unit. If you cannot find a free channel, change the WLAN transmitting channel of your router (see the user manual of your router).

# 11 Cleaning and maintenance

## 11.1 Cleaning the device

- Dirt on the lens **17** surface can adversely affect camera performances.
- Should the lens **17** become dirty, use a non scratching small brush or a soft dry cloth to wipe it off the lens.
- To clean the device, wipe with a soft cloth dampened with water. To clean dirty joints, use a non scratching brush. Don't use a cleaner or solvents on the unit. They can damage the case and leak inside, causing permanent damage.
- Battery contacts may be wiped with a dry lint-free cloth.
- If the unit gets wet, turn it off and remove the batteries immediately. Dry the battery compartment with a soft cloth to minimize potential water damage.
- Leave the cover off the battery compartment overnight or until completely dry. Do not use the unit until completely dry.
- When batteries leak, the escaped liquid can cause injuries (affect of the skin) or damage the device. Dispose batteries according to the environmental requirements (see chapter 14).
- Use protection gloves and clean the battery compartment with soft paper towel. It is recommended to let the unit clean by professional.

## 11.2 Maintenance

- Check the batteries of the device regularly.
- Replace the batteries on time by new ones, to avoid leaking.
- Check the connectors and cables on malfunctions.
- Keep the unit dry. Precipitation, humidity, and other liquids contain minerals
- will corrode electronic circuits.
- Do not use or store in dusty, dirty areas

# 12 Service address and hot-line support

The service addresses are printed on the extra service card included in the package or can be found on [www.ucom.be](http://www.ucom.be)

## 13 Declaration of conformity and manufacturer

Topcom Europe Nv.  
Grauwmeer 17  
3001 Heverlee  
Belgium

The declaration of conformity can be found on the last page of this user guide

## 14 Disposal of the device (environment)



At the end of the product lifecycle, you should not throw this product into the normal household garbage but bring the product to a collection point for the recycling of electrical and electronic equipments. The symbol on the product, user guide and/or box indicate this.

Some of the product materials can be re-used if you bring them to a recycling point. By re-using some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.

**Remove the batteries from the unit before disposal. Dispose of batteries at a designated battery disposal unit and not in the household waste.**

## 15 Specifications

### Baby unit

Frequency	2.4 GHz
Channel	4 selectable channels
A/V mod/demod. method	FM
Antenna	Built-in omni-directional antenna
Image Sensor	CMOS image sensor
Lens	f 3.7mm, F 2.8
Dimensions	7.7(W) x 12.8(H) x 5(D) cm
Weight	115g
Power	DC 6V, 400mA (KA23D060040033K) or 4 AA-size batteries (LR06 - UM3 - NiMh)
Operating temperature	0 ~ 40 °C

**Parent unit**

Frequency	Frequency 2.4 GHz
Channel	4 selectable channels
A/V mod/demod. method	FM
Antenna	Built-in omni-directional antenna
Display	2.36" TFT LCD
Display colors	Full-color
Dimensions	7.6(W) x 16.9(H) x 4.6(D) cm
Weight	160g
Power	DC 6V, 800mA (KSAA0600080W1UK) or 3 AA-size NiMh rechargeble batteries
Operating temperature	0 ~ 40 °C

## 16 Warranty

### 16.1 Warranty period

The devices have a 36-month warranty period. The warranty period starts on the day the new unit is purchased. There is no warranty on standard or rechargeable batteries.

Consumables or defects causing a negligible effect on operation or value of the equipment are not covered.

The warranty has to be proven by presentation of the original or copy of the purchase receipt, on which the date of purchase and the unit-model are indicated.

### 16.2 Warranty handling

A faulty unit needs to be returned to an authorized service centre including a valid purchase note and a filled in service return card.

If the unit develops a fault during the warranty period, the service centre will repair any defects caused by material or manufacturing faults free of charge, by either repairing or exchanging the faulty units or parts of the faulty units. In case of replacement, colour and model can be different from the original purchased unit.

The initial purchase date shall determine the start of the warranty period. The warranty period is not extended if the unit is exchanged or repaired by the service centre.

### 16.3 Warranty exclusions

Damage or defects caused by incorrect treatment or operation and damage resulting from use of non-original parts or accessories are not covered by the warranty.

The warranty does not cover damage caused by outside factors, such as lightning, water and fire, nor any damage caused during transportation.

No warranty can be claimed if the serial number on the units has been changed, removed or rendered illegible.

Any warranty claims will be invalid if the unit has been repaired, altered or modified by the buyer.

**SERVICE RETURN CARD - RÜCKSENDEKARTE -**  
**CARTE DE RETOUR SERVICE - RETOURFICHE**

RETURN WITH YOUR DEFECT PRODUCT

Name/Vorname/Prénom/Naam:

Surname/Familiennaam/Nom/Familiennaam:

Street/Straße/Rue/Straat:

Nr./N°:

Box/Postfach/Boîte/Postbus:

Location/Ort./Lieu/Plaats:

Post code/Postleitzahl/Code Postal/Postcode:

Country/Land/Pays/Land:

Tel./Tél.:

E-mail:

Model name/Modellbezeichnung/Nom du modèle/Modelnaam:

Serial Nr./Seriennummer/N° série/Seriennummer:

Purchase date/Kaufdatum/Date d'achat/Aankoopdatum:

 -  -  (DD/MM/YYYY) - (TT/MM/JJJJ)

Fault description/Beschreibung des Defekts/Description de la panne/Beschrijving defect:

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(Original Proof of Purchase has to be attached to this return card to be valid for warranty)

----- ✂ ----- ✂ -----  
Model name/Modellbezeichnung/Nom du modèle/Modelnaam:

Serial Nr./Seriennummer/N° série/Seriennummer:

Purchase date/Kaufdatum/Date d'achat/Aankoopdatum:

 -  -  (DD/MM/YYYY) - (TT/MM/JJJJ)

Fault description/Beschreibung des Defekts/Description de la panne/Beschrijving defect:

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# DECLARATION OF CONFORMITY

We, Topcom Europe Nv, Grauwmeer 17 , 3001 Heverlee , Belgium, declare that our product :

**Type: Baby Video Monitor**  
**Model: Baby Viewer 1200**  
**Class of equipment: Class 1**

is in compliance with the essential requirements and other relevant provisions of the R&TTE directive 1999/5/EC and carries the CE mark accordingly.

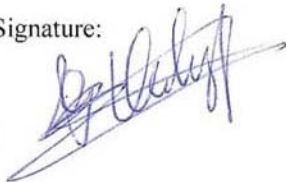
Supplementary information:

The product complies with the requirements of:

- EN 60065:2002
- EN 301489-1/2005
- EN 300440-2/2004

Date: 01/08/2008  
Place: Heverlee , Belgium  
Name: Verheyden Geert  
Function: Technical Director

Signature:



European contact: Topcom Europe Nv, R&D department, Research Park, Grauwmeer 17, 3001 Heverlee, Belgium. Tel : +32 16 398920 , Fax : +32 16 398939

# UCOM

## BABY VIEWER 1200

visit our website

**[www.ucom.be](http://www.ucom.be)**

MD2500237