OVIZee

HOME MONITOR

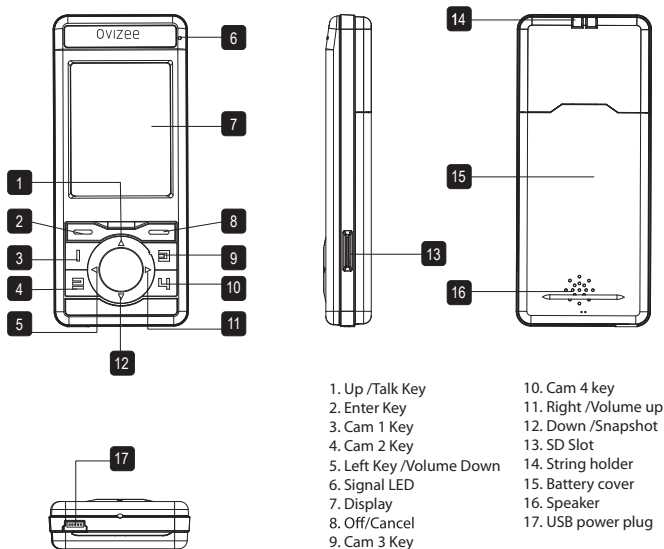## OV2411N

Safety Instructions

WARNING
This home monitor is compliant with all relevant standards regarding electromagnetic fields and is, when handled as described in the User's Guide, safe to use. Therefore, always read the instructions in this User's Guide carefully before using the device.

- This product is not a toy. Do not allow children to play with it.

- Keep this user's guide for future reference.

- Keep the cords out of reach of children.

- Test the home monitor before use. Become familiar with its functions and features.

- Do not use the home monitor near water and fire.

- Do not place the baby unit or cables in the cot or within arm's reach of the baby
  (the unit should be at least 1 metre away).

- Do not cover the home monitor with a towel or blanket.

- Never use extension cords with AC adapters. Only use the ACadapters provided.

- Do not install the home monitor near a heat source.

- Only use the chargers and power adapters provided.
  Do not use other chargers or power adapters as this may damage the device and batteries.

- Do not touch the charger or plug contacts with sharp or metal objects.

CAUTION
Risk of explosion if battery is replaced by an incorrect type. Dispose of
used batteries according to the instructions

1.1 Overview of OV2411 Viewer

1. Up /Talk Key
2. Enter Key
3. Cam 1 Key
4. Cam 2 Key
5. Left Key /Volume Down
6. Signal LED
7. Display
8. Off/Cancel
9. Cam 3 Key

10. Cam 4 key
11. Right /Volume up
12. Down /Snapshot
13. SD Slot
14. String holder
15. Battery cover
16. Speaker
17. USB power plug

1.2 Keys

All ovizee handset operation are done with the following keys :

Power, Menu, Enter, Cam1, Cam2, Cam3, Cam4, Up, Down, Left, Right
Press <Enter> to power on the unit. To switch off the unit, hold the same key for 3 seconds

To directly access the different zones to view= different cameras, press the individual zone
keys to directly view from the different cameras.

Press <Menu> to go to enter the main menu. The main menu consist of the pairing,
LCD contrast, brightness, video display timer, night-vision, voice trigger and snap-shot video
viewer selection. Press <Menu> again to quit.

1.3   Overview of Ovizee Camera
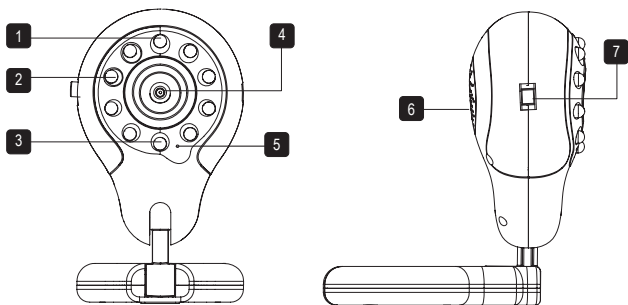
1. Power LED
2. Infrared LEDs
3. Light Sensor
4. Camera lens
5. Microphone

6. Speaker
7. On/off switch

Push the ON/OFF switch down to switch on the camera. The Power LED indicator will turn on.

There is no setup involved. Just plug-in power and it will start working. For additional camera, pairing procedures must be done before usage, please refer 2.1 for details.

The camera unit comes with built-in light-sensor, IR-LED, Power LED, microphone and speakers that work with Ovizee handset unit.

2.1   Camera unit power supply
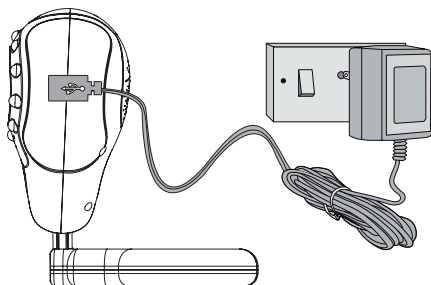
1. Connect the small plug of the AC adaptor to the baby unit and the other end to the mains socket (230V/50Hz).
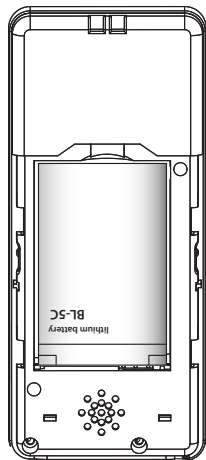
NOTE
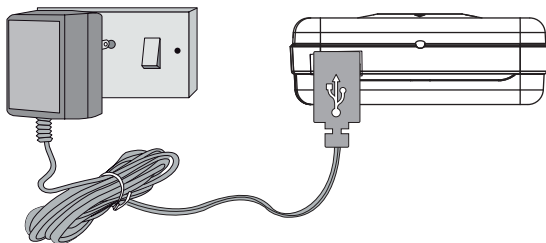Only use the enclosed power adapter (5V DC / 1000mA).

2. Push down the power switch to switch on the baby unit. The power LED will light up in green.
3. To turn off the baby unit, push up the power switch.

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2.2   Vision unit battery installation

1. Insert the wire tab of the rechargeable battery pack into the contact slot as shown above and fit the battery pack into the compartment.

2. Close the battery compartment and tighten the screw in a clockwise direction.

3. Press Off/Cancel to turn ON the parent unit. The LCD screen illuminates.
- It will take a few seconds to start up the unit.

4. Press Off/Cancel key and hold Off/Cancel to turn OFF the parent unit. The battery ⬛ icon indicates that the battery pack is low and needs to be recharged. The battery pack takes about 15 hours to charge fully.

2.3 Vision unit power supply

IMPORTANT

Install the rechargeable battery pack before connecting the AC power supply.

1. Connect the small plug of the AC adaptor to the parent unit and the other end to the mains socket (230V/50Hz)

NOTE
Only use the enclosed power adapter (5V DC / 1000mA)..

2. The LCD screen illuminates and starts up automatically after a few seconds.

3. Press and hold Enter to turn OFF the parent unit.

NOTE
Once the baby and parent units are switched on, the display on the parent unit will show the video captured by the baby unit.

2.4   First time installation

At the first time usage of new wireless device, a pairing procedure should be done before normal operation (Note: Devices comes with Camera/Viewer pair needs no pairing as they are already pre-paired in the factory).

Choose the zone for paring by pressing ZONE1 to ZONE4. Press <MENU> to go to main menu, and then press <UP> and <DOWN> to select sub-menu <PAIRING> to start the pairing action.

Press <ENTER> to start pairing function. At this moment, the wireless device should also be entered into pairing state. This can be done by:

Depends on the camera type, either
(1) Power OFF and Power ON the device, or
(2) Press <Pairing> key if presented.
If the device is found, match it into a specific zone.

No further pairing is needed for subsequent use. Just switch on the devicesin future and the camera and viewer units are already pair.
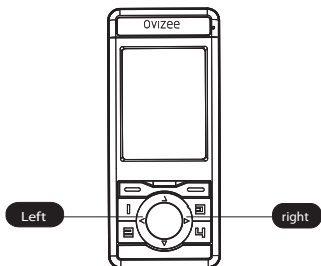
3.1 Select Camera (Zone)

press <ZONE1> to go to video zone 1,
press <ZONE2> to go to video zone 2,
press <ZONE3> to go to video zone 3,
press <ZONE4> to go to video zone 4.

The corresponding video and audio
will be activated.

Zone1

Zone3

Zone3

Zone4
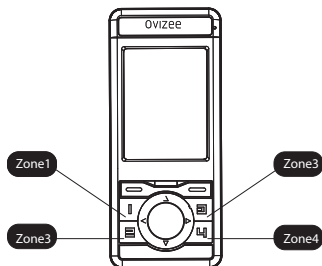
3.2 Speaker Volume Control

Left

right

While video is displaying or menu is off, press
<LEFT> to decrease volume or press <RIGHT>
to increase.   Continue pressing <LEFT>
will mute the speaker.

3.3 Talk function(Vision to Camera)

Press <UP/TALK> to set two ways audio,
 a "Talking" icon will be showed on the top of the display.
Hold this key to continue talking.
Release the key after speaking.

Up/Talk
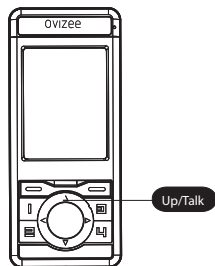
3.4 Snap-shot Function (Handheld to Camera)

Press <Down/Snap shot> to take one photo on current display.
The photo will be stored on the Micro-SD card.
Note that a mini-SD card is needed (not-supplied) for this function.

Down/Snap
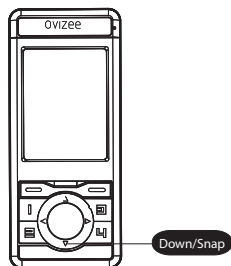
3.5 Set Video Timer (to turn off the display to save power)

Press <MENU> then <UP> and <DOWN> to select Video Timer
Press <LEFT> and <RIGHT> to set video on timer
(15s, 1 min and always on)

Press <MENU> again to quit

* Note that the power up default setting is 1 min

* Video Timer setting is applied to all cameras
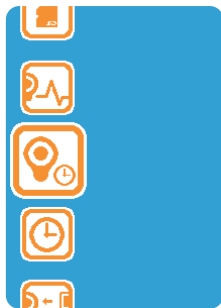
3.6 Night-Vision

Press <MENU> then <UP> and <DOWN> to select
Night-Vision function. Press <Left> or <Right> to
activate the IR-LED.

* Note that the camera will automatically go to night-vision
while light intensity is not enough.
This function affects the Infra-RED LED power on/off only.

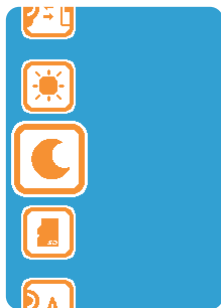## 3.7 Voice Trigger/Wakeup

Press <MENU> then <UP> and <DOWN> to select voice trigger function.

Press <LEFT> or <RIGHT> to choose VOX level
(Left most = disable and turn off VOX)

Right mode= Maximum volume to turn on the camera

If voice trigger is detected by the camera, the PandaVision Viewer will automatically switch to the camera even it is viewing other channel or standby.
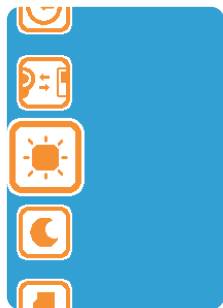
* note that VOX setting can set on individual camera

3.8 Contrast Control

Press <MENU> then <UP> and <DOWN> to select LCD contrast control

Press <LEFT> or <RIGHT> for contrast control

3.9 Memory-card Photo-viewer

Ovizee handset supports snap-shot function if a micro-SD card (< 2GB) is present. (The Micro-SD card should be FAT16 or FAT32 pre-formatted)

 All photo will be stored in the order PV000000 to PV999999, under the directory "OVIZEEVIS"

Press <Enter> to go to photo-viewer function, the most updated photo will be displayed. Press <Left> and <Down> to review last and next photo.

Press <Menu> to quit photo-viewer function
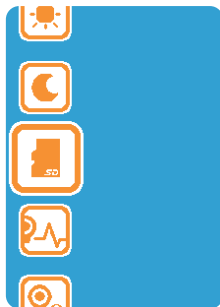
3.10 Real-Time-Clock setup

This date/time function will be used for snap-shot photo. Press <Menu> then <UP> and <DOWN> to select REAL-TIME-CLOCK setup.

The real-time clock will be reset when no battery.

Clock will be displayed in the following format:

> Year/Month/Day
>
> Hour/Min

Press <Left> or <Right> to select year/month /day/hour/min to be changed.
Press <Up> or <Down> to change.
Press <Menu> again to quit

FCC and IC regulations

FCC Part 15

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this device.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The Baby unit shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more. This Class B digital apparatus complies with Canadian ICES-003.

WARNING

Changes or modifications to this equipment not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met.

This product meets the applicable Industry Canada technical specifications.

RENSEIGNEMENTS RELATIFS AUX RÈGLEMENTS DE LA COMMISSION FÉDÉRALE DES COMMUNICATIONS 'FCC', ET D'INDUSTRIE Canada 'IC'

Article 15 des règlements du FCC

AVIS: Cet équipement a été testé et s'est révelé conforme aux limites d'un appareil numérique de classe B, conformément à la Section 15 du réglement de la Federal Communications Commission (FCC). Ces limites sont conçues pour offrir une protection raisonnable contre toute interférence nuisible sur une installation résidentielle. Cet appareil génère, utilise et peut émettre des fréquences radio et s'il n'est pas installé selon les instructions, peut nuire aux radiocommunications. Toutefois, rien ne garantit que des parasites ne surviendront pas dans une installation particulière. Si cet appareil cause des interférences nuisibles à la réception du téléviseur ou de la radio, ce que vous pouvez déterminer en mettant votre appareil en et hors fonction, nous vous invitons à essayer l'une des mesures correctives suivantes :
- Réorientez l'antenne de réception.
- Éloignez l'appareil du composant qui reçoit les ondes.
- Branchez l'appareil dans une prise de courant CA différente de celle du composant qui reçoit les ondes.
- Au besoin, consultez votre marchand électronique ou un technicien spécialisé dans le service des radios/téléviseurs pour des suggestions supplémentaires.

Toute modification ou changement effectué à cet appareil sans l'accord des parties responsables de l'homologation peut retirer à l'utilisateur son droit d'utiliser l'appareil.

Cet appareil est conforme à l'article 15 de la FCC. Le fonctionnement est soumis aux deux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles et; (2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement. La confidentialité des communications peut ne pas être assurée avec cet appareil.

Afin de garantir la sécurité des utilisateurs, la FCC a établi les critères relatifs à l'énergie générée par les fréquences radio pouvant être absorbée en toute sécurité par un utilisateur ou par quelqu'un se trouvant à proximité, dépendamment de l'utilisation prévue du produit. Ce produit a été testé et s'avère conforme aux normes de la FCC. L'unité du bébé devra être installée et utilisée de manière à ce que le corps de l'utilisateur, à l'exception des mains, soit toujours à une distance d'environ 20 cm (8 po.) ou plus.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

AVERTISSEMENT

Tout changement ou modification à cet équipement, non expressement autorisé par la partie responsable de la conformité, pourrait annuler l'autorisation donnée à l'utilisateur d'utiliser cet équipement.

Industrie Canada

Le fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences nuisibles et; (2) Cet appareil accepte toute les interférences dont celles qui pourraient provoquer le fonctionnement involontaire de l'appareil.

L'abréviation 'IC' se trouvant avant cette homologation signifie que la certification fut effectuée selon une déclaration de conformité spécifiant que les normes d'Industrie Canada ont été rencontrées.

Cet appareil est conforme aux spécifications techniques d'Industrie Canada.

Disposal of the device (Environment)

At the end of the product lifecycle, you should not dispose of this product with normal household waste, but take the product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.
Some of the product materials can be re-used if you take them to a recycling point. By reusing 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.
Dispose of the battery pack in an environmentally-friendly manner

Technical Specifications

Baby unit

Frequency :	2.4GHz to 2.4835GHz
Maximum range :	150m Line of Sight
Image sensor :	Colour CMOS
Lens:	f 2.5mm, F 2.8
IR LED :	9 pcs
Power :	Adapter: DC5V, 1000mA (Model: Helms-Man, SCB0501000P or Helms-Man, SHB0501000PE)

Battery: Li-Polymer rechargeable battery
(Model:TFL703048)
WARNING
Do not use non-rechargeable batteries for the Parent Unit.
Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.

Parent unit

Frequency :	2.4GHz to 2.4835GHz
Display :	2.4" TFT LCD 16.7M colour
Brightness control :	5 steps
Power :	Adapter: DC5V, 1000mA (Helms-Man, SCB0501000P or Helms-Man, SHB0501000PE)

Battery: Li-Polymer rechargeable battery
(Model: TFL553450)
WARNING
Do not use non-rechargeable batteries for the Parent Unit.
Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.

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