

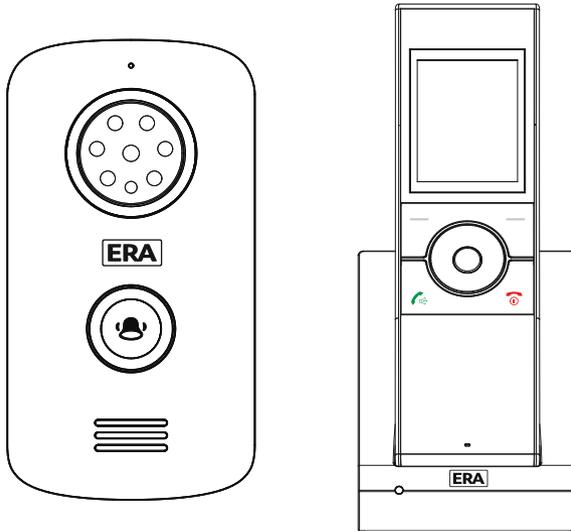


SMART HOME SECURITY

# Wireless Video Door Intercom

## E3000

### Instruction Manual



Customer Helpline

**0345 257 2500**

# Prior To Use

## Important Information

**PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING THE SYSTEM AND RETAIN FOR FUTURE REFERENCE.**

Any repairs must be carried out by an ERA Authorised Repair Centre. Misuse or attempted repairs to any component part of this product will invalidate the warranty.

The photocopying, copying, reproduction, translation to any language, modification, storage in a retrieval system or retransmission, in whole or in part, in any form or by any means, electronic, mechanical or otherwise of this manual, is strictly prohibited without the prior written permission of ERA Home Security.

## ■ Safety Precautions

1. Follow all warning symbols as marked on the product parts.
2. Avoid spilling liquid on the video handset or base station.
3. Unplug this product from the wall outlet before cleaning, then use a damp cloth to wipe. Do not use liquid or aerosol cleaners.
4. Do not place objects on the power supply line cord that may cause damage.
5. In the event of the product developing a fault refer servicing to an ERA Approved Repair Centre only.
6. Pay attention to the polarity of the batteries, insert batteries in accordance with polarity symbols (this instruction is found in the 'installing batteries' section.)
7. Use only the rechargeable batteries supplied/as indicated in the Instruction Manual.
8. Do not mix exhausted batteries with full batteries. Exhausted batteries must be disposed of in a responsible manner.
9. If the video handset is not to be used for a long period of time, remove the batteries to prevent possible leakage.
10. Use only the power supply indicated in the Instruction Manual.

# Content

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# Features

Up to 215 metre operating range in clear line of sight. Supports up to 2 outdoor cameras and 2 video handsets.

## **Wireless Outdoor Camera/intercom/doorbell**

- Battery operated (requires 2 x C Cell Batteries, not included)
- Power supply option (requires DC 12V Power Adapter, not included)
- IP55 rated
- 8 LEDs for night vision
- Video resolution: 320 x 240, 15 frames per second
- Wide angle lens - 120 viewing angle
- Auto Snap feature – stores up to 100 snaps
- Backlit call button (doorbell)
- Talk with the person at the Video Handset
- Monitoring feature
- Tamper protected

## **Wireless Indoor Video Handset**

- 2.4" TFT LCD display
- Adjustable brightness and talk volume
- See, hear and talk with the visitor at your door
- Monitoring feature

# Kit Contents

When unpacking your product please check that all parts are present, as shown in the parts list below. If you have any queries regarding your purchase please contact our Customer Support Helpline, prior to installation and set-up.

## Outdoor Camera/Intercom/Doorbell



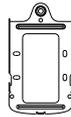
Outdoor Camera



Battery Cover



Cable Cover



Bracket



Screws



Instruction Manual

## Portable Video Handset



Video Handset



Lithium Battery



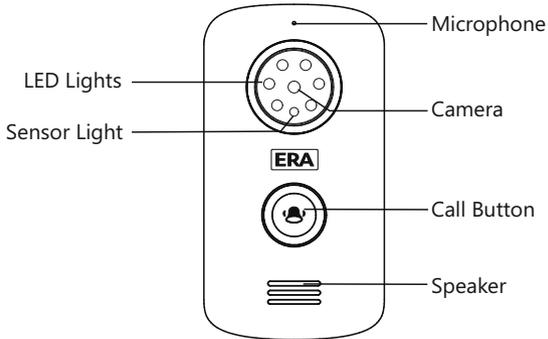
Charger Base



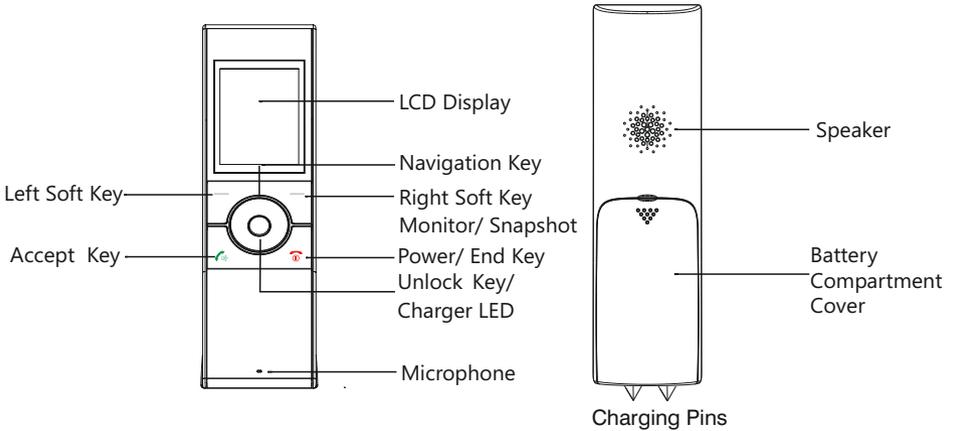
Power Adapter  
(12V, 500mA)

# Product Diagrams

## Outdoor Camera

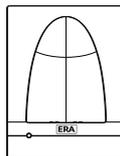


## Video Handset



## Charger

Charge Pins

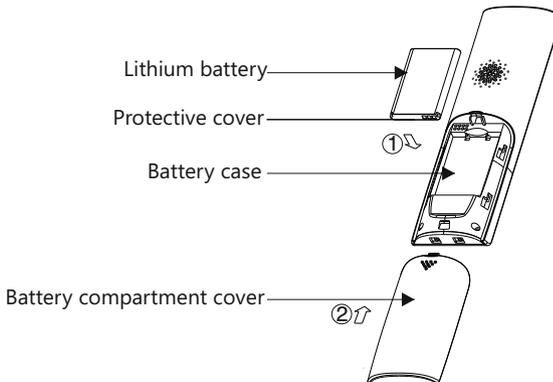


# Battery Installation & Power

## Video Handset Battery Installation:

Fit the rechargeable lithium battery (3.7V,1100mA) supplied,as follows:

1.



1. Remove the battery compartment cover by pushing down on the raised arrow and sliding the cover in a downward direction.
2. Remove the battery's protective film and insert the battery into the battery compartment, taking care to correctly match the polarity (+, -).
3. Replace the battery cover by sliding it upwards until it snaps in place.

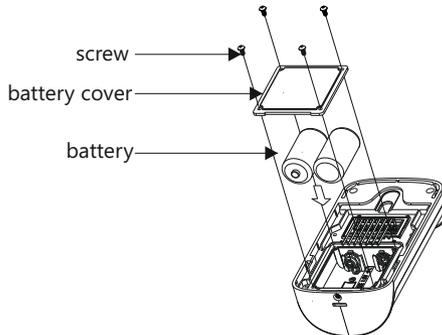
The status of the Handset battery is shown in the top right-hand corner of the screen when in Standby Mode.

### Notes:

1. Should the battery not reach its full storage capacity after recharging, replace with a new battery.
2. When replacing the battery use only an equivalent lithium battery. Do NOT use any other battery type.

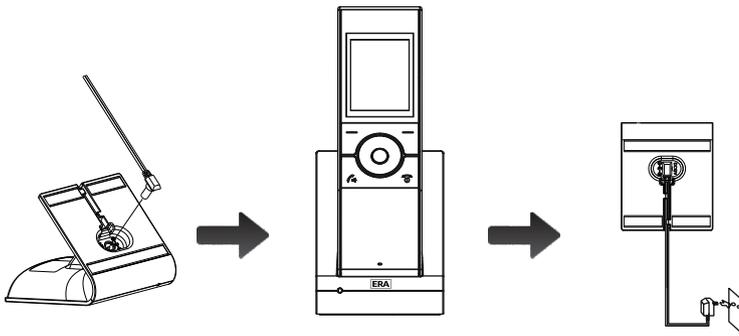
## Outdoor Camera Battery Installation:

1. Fit two 'C' Size 1.5V batteries (not supplied) into the battery compartment.
2. Fix the battery cover in place using the four screws provided.



The status of the Outdoor Camera batteries is shown in the top left-hand corner of the screen when in Monitoring Mode and during a call.

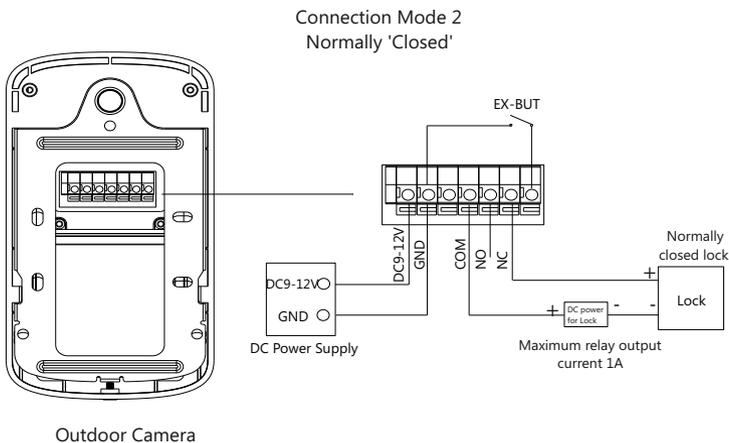
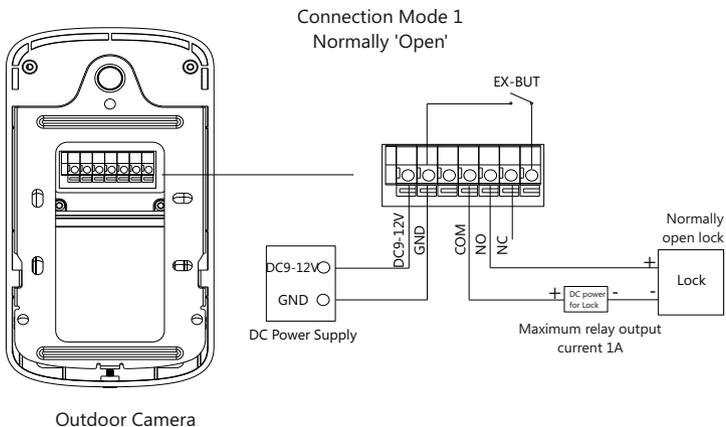
## Charging the Video Handset:



Connect the modular end of the AC power adapter to the power jack of the charger, then plug the AC adapter into a suitable mains socket. Fully charge the handset prior to initial operation (approx. 5 hours).

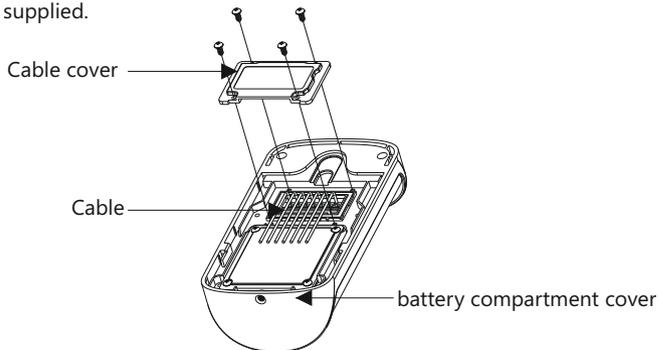
**Note:** When the handset is charging, the 'Unlock' button will be illuminated.

## Connecting the Outdoor Camera to a Power Supply and/or Unlock Module (optional accessories)



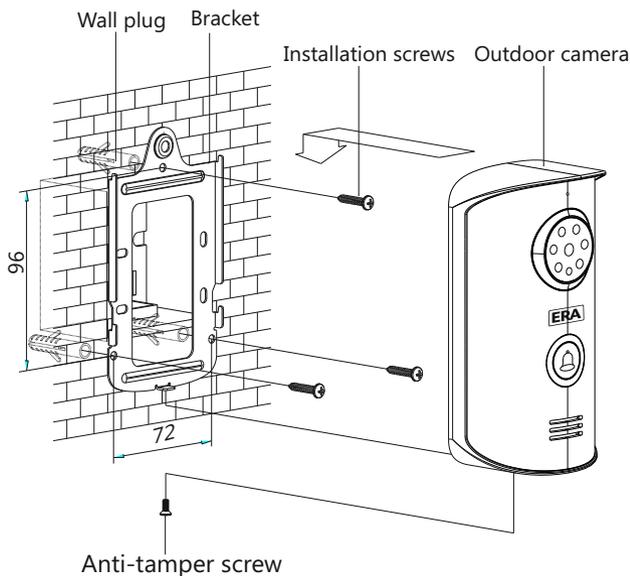
**Note:** The outdoor camera can be either battery powered or mains powered by a compatible AC Adapter (not supplied). Do not use both batteries and an AC Adapter at the same time. The call button backlight is only available when the outdoor camera is mains powered.

After wiring a Power Supply and/or Unlock Module (not included) to the connection terminal, tension the cable. Fit the cable cover over the connection terminal with the four screws supplied.



### Outdoor Camera Installation:

When locating the outdoor camera, position the camera lens at an average 'head height'. Fix the bracket to the wall with the screws supplied and locate the outdoor camera onto the wall bracket. Finally fit the anti-tamper screw.



# Settings

## Turning On/ Off

To turn on the indoor handset, press and hold .

To turn off the indoor handset, press and hold .

When you turn on the video handset, the screen below will be displayed:



**Note:** When the video handset battery is low the low battery icon  will be displayed on the screen and a warning tone will sound. Replace the batteries with an equivalent type.

## Setting the Volume & Brightness

The volume and brightness can be set when in standby mode and during a call.

From the "Home" screen Press **Right** or **Left** to increase/decrease the volume. To increase/decrease the brightness press **Up** or **Down**.

## Setting up a Menu Function from the Video Handset

Press  to select the **Menu Screen**. To view and edit a menu function scroll **down**  to select the required function, when highlighted press the **select** key. Press **up** , **down** , **left**  or **right**  to set your chosen option, then press select to set and return to the main menu. To return to the main menu without making a change to any function press the **Back** button.



## 1. Volume (9 Levels)



1. Press **Up** (▲) or **Down** (▼) to choose "Volume" menu, then press (⊖) beneath **Select**
2. Press **Left** (◀) or **Right** (▶) to select the volume that you like.
3. Press (⊖) beneath **Select** to save the settings and return to the previous menu.

**Note:** Also, you can use **Left** (◀) or **Right** (▶) key to adjust the volume in the standby mode.

## 2. Brightness (9 Levels)

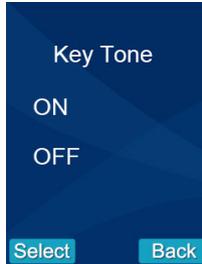


1. Press **Up** (▲) or **Down** (▼) to choose "Brightness" menu, then press (⊖) beneath **Select** .
2. Press **Left** (◀) or **Right** (▶) to select the light level that you like.
3. Press (⊖) beneath **Select** to save the settings and return to the previous menu.

**Note:** Also, you can use **Up** (▲) or **Down** (▼) key to adjust the brightness in the standby mode.

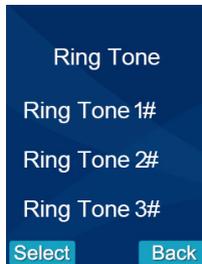
### 3. Key Tone

Each time you press a key a 'Key Tone' is heard. In certain error conditions, for example when an incorrect key is pressed a warning tone will sound.



1. Press **Up** (▲) or **Down** (▼) to select the 'Key Tone' menu, then press (◀) beneath **Select**.
2. Press **Up** (▲) or **Down** (▼) to choose **On** or **Off** to enable or disable the function.
3. Press (◀) beneath **Select** to save the setting and return to the previous menu.

### 4. Ring Tone (3 tones)



1. Press **Up** (▲) or **Down** (▼) to select the 'Ring Tone' menu, then press (◀) beneath **Select**.
2. Press **Up** (▲) or **Down** (▼) to choose the ring tone. Each time you press **Up** (▲) or **Down** (▼) the video handset will play the selected ring tone.
3. Press (◀) beneath **Select** to save the setting and return to the previous menu.

## 5. Auto Snap Settings



1. Press **Up** (▲) or **Down** (▼) to select the 'Snap Set' menu, then press (⊖) beneath **Select**.
2. Press **Up** (▲) or **Down** (▼) to choose **On** or **Off** to enable or disable the function.
3. Press (⊖) beneath **Select** to save the setting and return to the previous menu.

With '**Auto Snap On**', the camera will take a photo of visitor automatically when the outdoor camera's **call button** is pressed. Photos can be viewed on the video handset in 'Snap Show'.

### Notes:

1. To take a photo of your visitor during a conversation or when using the 'monitoring feature', press the 'Snap Key' to save it to the Video Handset.
2. Up to 100 photos can be stored to the handset. Stored photos are sequentially over-ridden when the number exceeds 100.

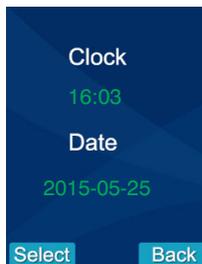
## 6. Snap Show

Stored photos can be viewed or deleted in the 'Snap Show' menu. The snap number is displayed in the upper right corner of the photo.



1. Press **Up** (▲) or **Down** (▼) to select the 'Snap Set' menu, then press (⊖) beneath **Select**.
2. Press **Left** (◀) or **Right** (▶) to view the photos.
3. To delete a photo Press (⊖) beneath. In the centre of the screen '🗑️' will be displayed, press '✓' at the bottom left of the screen to confirm deletion or 'x' at the bottom right of the screen to cancel the deletion. The next photo will be displayed.
4. Press (⊖) beneath (⏪) to return to the previous menu.

## 7. Date & Time



1. Press **Up** (▲) or **Down** (▼) to select the 'Date & Time' menu, then press (⊖) beneath **Select**.
2. To set the time press **Left** (◀) or **Right** (▶) to choose the Hour or the Minute and press **Up** (▲) or **Down** (▼) to adjust.
3. To set the date press **Left** (◀) or **Right** (▶) to choose the Year or the Month or the Date, then press **Up** (▲) or **Down** (▼) to adjust.
4. Press (⊖) beneath Select to save the settings and return to the previous menu.

**Notes:**

1. The time format is 24-hour. The date format is YYYY-MM-DD.
2. The Date & Time format is Hour-Minute-Year-Month-Date.
3. Set the Date & Time when the handset is first charged to ensure that the time recorded to the photos are correct.
4. When the battery is changed the time and date will need to be set again.

## 8. Door Set



1. Press **Up** (▲) or **Down** (▼) to choose the 'Door Set' menu, then press (⊖) beneath **Select**.
2. To toggle between the three functions (Volume, Ring Time, Unlock Time) press **Up** (▲) or **Down** (▼). Each setting can be changed as follows:
  - Volume (9 levels): press **Left** (◀) or **Right** (▶) to select
  - Ring Time (between 1 and 15 seconds): press **Left** (◀) or **Right** (▶) to select
  - Unlock Time (between 1 and 9 seconds): if an optional 'Unlock Module' is fitted, the unlock duration of the associated locking mechanism can be set by pressing **Left** (◀) or **Right** (▶).

3. To save each setting individually press  beneath **Select** with each change as it is made, at each stage you will return to the menu screen from where you can return to the menu to change the remaining settings. To change all **settings** without returning to the previous menu after each change, make the changes to all functions and then press Select to accept all and return to the previous menu.

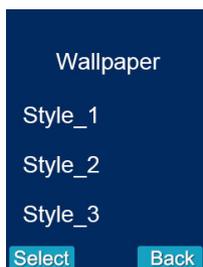
**Note:** When there are two video handsets connected to one outdoor camera, the setting of the two handsets must be the same.

## 9. Language



1. Press **Up**  or **Down**  to choose 'Language' menu, then press  beneath **Select**.
2. Press **Up**  or **Down**  to choose the corresponding language('0' for English)
3. Press  beneath **Select** to save the settings and return to the previous menu.

## 10. Wallpaper(3 styles)



Press **Up**  or **Down**  to select a wallpaper style. When selected press  beneath **Select** to save the setting and return to the main screen. Press back to exit the screen without making any changes to the default wallpaper style as set.

## 11. Register

Used To link an outdoor camera to a video handset, as described on page 16.

## 12. Software Version



To check the software version Press **Up** (▲) or **Down** (▼) to select the 'Version' menu, then press (◀) to **Select**. Press **Back** to the previous menu.

## 13. Default Settings



This function allows you to reset the video handset to the factory default.

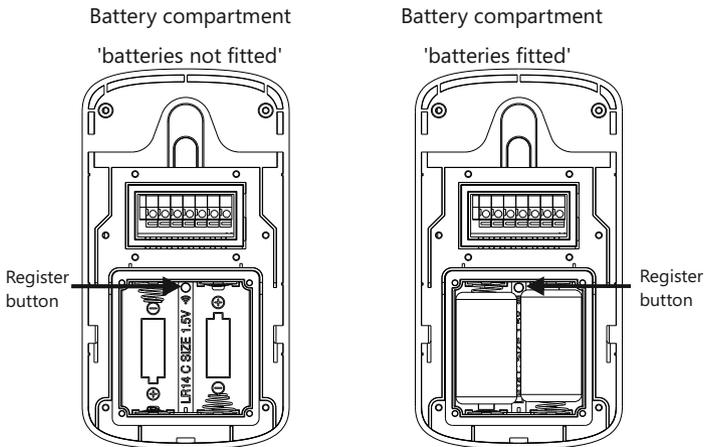
1. Press **Up** (▲) or **Down** (▼) to select the 'Default Set' .menu, then press (◀) beneath **Select**.
2. Press **Up** (▲) or **Down** (▼) to choose **YES** or **NO** to enable or disable the function.
3. Press (◀) beneath **Select** to reset the settings or **back** to return to the previous menu.

**Result:** After resetting , the video handset will return to standby mode.

# Setup

## Register

1. Insert a small screwdriver or similar item into the depression just above the '  ' symbol inside the outdoor camera battery compartment, and depress the register button with the screwdriver for 3 seconds. The unit will sound an indication tone and the call button backlight will illuminate.
2. Press  beneath **Menu** on the video handset, then select the **Register menu**, press Up  or Down  to choose the door camera that you want to connect (1-2 are selectable), then press  beneath '  ' to confirm the setting. The outdoor camera will automatically search for the video handset to be registered. When the video handset sounds an indication tone, the outdoor camera and video handset are registered successfully.



3. Press  beneath **Menu**, then select the **Register menu**. The system will enter into the 'Register' interface indicating that the outdoor camera is successfully registered to the video handset.

**Note:** If you reset the video handset to the factory default, ALL settings will revert to the default condition.



## De-registering

To delete the registration press  beneath . The display will show '  ?', press  beneath ' ' to confirm or 'x' to cancel. Press  beneath  to return to the main interface.

### Notes:

1. Outdoor camera registration can take up to 60 seconds.
2. Video handset registration can take up to 20 seconds.
3. Up to 2 outdoor cameras and 2 video handsets can be supported.

## Power Saving Mode

1. The video handset is set to '**power saving mode**' in order to obtain maximum battery life from the Outdoor camera when battery powered. When in power saving mode **the monitoring feature is not available**.
2. **To enable the monitoring feature** when the outdoor station is powered by batteries (not mains powered), press the '**register**' button for 3 seconds, the outdoor camera will enter into '**register**' status, press the 'register button' again for 3 seconds, 3 'bleeps' will be heard. The outdoor camera will switch from 'power saving mode' to 'power consumption mode' and the monitoring feature will now be available. Note: The monitoring feature is always active when the outdoor camera is mains powered (connected to a PSU).
3. To revert to '**power saving mode**', under 'registered status' press the 'register button' for 3 seconds, the outdoor camera will sound one long tone and revert to 'power saving mode', the monitoring feature will no longer be available.

# Operations

## Outdoor Camera Operation

When the outdoor camera **call button** is pressed the corresponding video handset will ring, and an image of the visitor will appear on the video handset screen. If the **call button** is pressed again the conversation will end.

1. To reject the call press  to cancel the ringer and the video.
2. To enable a two-way conversation, press  on the video handset (the ring tone will stop). To end the conversation press  on the video handset or the **call button** on the outdoor camera.

### Note:

1. Ring time up to 15 seconds
2. Conversation time up to 45 seconds. After 45 seconds, the call will automatically disconnect.

## Unlocking

To utilise the 'Unlock Feature' an unlock module (available separately) and an unlock mechanism are required. When fitted, during a conversation or 'monitor' status, the door can be unlocked for a set period of time by pressing the  button on the video handset (note: this will end the call).

## Monitoring

This feature will allow you to view the picture from the Outdoor Camera on demand.

1. In standby mode, press  beneath **Mon**.
2. If only one outdoor camera is registered, the video handset will automatically display the picture from that outdoor camera.
3. If two outdoor cameras are registered the LCD screen will display 1#, 2# Monitor. Press **Up**  or **Down**  to select the camera you wish to monitor, then press  beneath **Select**.
4. In monitoring mode, press the Accept  key to enter into intercom communication.

**Note:** The maximum monitoring time is 45 seconds.

## Tamper Alarm

When the outdoor camera is moved away from its bracket, both the outdoor camera and video handset will sound an alarm tone. The outdoor camera **call button** will be Inoperable, press  or  to stop the alarm tones.

**Note:** The alarm will sound for up to 5 minutes.

## Backlight

1. When the outdoor camera power is supplied by DC 12V, the call button backlight will be illuminated. During registration, calling, alarm, monitoring and intercom status, the backlight will flash.
2. When the outdoor camera power is supplied by batteries and is in 'Power Consumption Mode' , the call button will flash during activation (registration, calling, alarm, monitoring and intercom status). The call button will not be backlight.
3. When the outdoor camera is powered by batteries and in 'Power Save Mode' , the call button will flash only during activation (when the call button is pushed) and then will stop.

# Technical Specification

Item	Detail
<b>Outdoor Camera</b>	
Transmit Frequency Range	2.4GHz - 2.4835GHz
Data Rate	2.0Mbps
Transmitting Power	19dBm (TYP)
Modulation Type	GFSK
Transmitting Distance	Outdoor: ≥260m
Image Sensor Type	Color CMOS Image sensor
Image Processing	H.264
Camera Pixels	640*480
White Balance	Auto
Viewing Angle (Diagonal)	120°
LED	6 LEDs
Power Requirement	(+9V-12V)±5%/ 2 *LR14(C),1.5V batteries
Power Consumption	500mA Max(Cells) 200mA Max(+12 V DC)
Operating Temperature	-20℃ ~ +55℃
Operating Humidity	20%-90%
Size(W *H *D)	86 x 160 x 55mm
No. of indoor handset supported	Max .2

## Technical Specification

Item	Detail
<b>Video Handset</b>	
Receiving Frequency Range	2.4GHz - 2.4835GHz
Monitor	2.4" Color LCD
Data Rate	2Mbps
Receiving sensitivity	-85dBm
Demodulation Type	GFSK
LCD Resolution	320X240(RGB)
Transmitting Power	19dBm (TYP)
Power Requirement	BL-5C, 3.7V ,1100mA(lithium battery)
Power Consumption	400mA Max
Operating Temperature	-10°C ~ +55°C
Operating Humidity	20%~90%
Size(W *H *D)	Indoor Monitor: 52.7 x 188.2 x 26.3mm Charger base: 80 x 95.2 x 103.7mm
No. of door camera supported	Max .2

## Additional Accessories

Additional Accessories are available for the E3000 Video Door Intercom system. Including:

- **Additional Handset and Charger**      **E3000HSC**
- **Additional Outdoor Station**      **E3000-OS**
- **Outdoor Station Rain Cover**      **CLOSRC**
- **Outdoor Station Power Supply**      **CLOSPSU**
- **Unlock Module**      **CL3660UM**



## PRODUCT GUARANTEE \*

We at ERA firmly believe in the quality of our goods. Our technology achieves outstanding performance and durability and we can therefore offer, in addition to your statutory rights, an additional limited guarantee. In the event of any material defects in any product manufactured by us due to faulty design, materials and/or workmanship, and which arise following correct installation and during normal use in accordance with our instructions, as included in the product packaging, within the period of two years from the date of purchase, we will either repair, provide a replacement, substitute with an equivalent product free of charge from our then current range or refund in full the amount paid for the product at point of purchase.

### Conditions

In order to take advantage of our guarantee, you must comply with the following conditions:-

1. This limited guarantee is not transferable and is extended only to, and is solely for the benefit of, the original purchaser of the product. Please retain your dated sales invoice as proof of purchase and forward this to us if you wish to make a claim under this guarantee.
2. Products must be installed, used and maintained in accordance with our instructions otherwise the guarantee will be invalidated.
3. The product must not be damaged or modified in any way nor must it have been subjected to any unauthorised repairs.

### Exclusions

This guarantee does not cover:-

1. Periodic maintenance, repair and replacement of parts due to fair wear and tear.
2. Abuse or misuse, including but not solely limited to the failure to use this product for its normal purposes or in accordance with ERA's instructions on usage and maintenance.
3. Failure of the product arising from incorrect installation or use not consistent with the instructions supplied and the cost of any removal or installation of products.
4. Accidents, Acts of God, lightning, water, fire, public disturbances, improper ventilation, voltage fluctuations or any cause beyond the control of ERA (Force Majeure).
5. Unauthorised modifications carried out to the product.
6. Damage caused by incorrect/improper use of supplied batteries.
7. Alteration to, deletion, removal or illegibility of the Serial Number as shown on the Product Label.
8. Consumables: any damages so caused by the use of batteries not supplied by ERA.
9. Repair or attempted repairing by bodies who are not ERA authorised repairers.
10. Neglect.
11. The loss of any stored data on your product.

This guarantee is in addition to your contractual and statutory rights and does not affect your statutory rights

### To make a claim

Please contact Customer Support either by telephone on 0345 257 2500 or email [intercoms@eraeverywhere.com](mailto:intercoms@eraeverywhere.com) with full details of your claim. If your claim satisfies our Conditions and is not subject to any of our Exclusions, we will agree with you the repair, replacement, substitution or refund of payment of goods. For product returns you will be issued with a Return Authorisation Number (RAN). Please note: Returns will not be accepted unless accompanied by a RAN.

\*Terms and conditions apply.

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