ERA

SMART HOME SECURITY

HD WIFI CAMERA⁺

Instruction Manual

EC DECLARATION OF CONFORMITY

DoP N°: EM0028

Applicable Products: IP116 WiFi Security Camera⁺

ERA Home Security Ltd
Valiant Way
Wolverhampton
WV9 5GB
United Kingdom

Tel: +44(0) 1922 490 000
Fax: +44(0) 1922 494 420

The products described above are in conformity with the Radio Equipment Directive 2014/53/EU.

Standards: Control Unit   EN 301 489-1 V2.1.1:2017
EN 301 489-17 V3.1.1:2017
EN 300 328 V2.1.1:2016
EN 62479:2010
EN 62368-1:2014

Signed for and on behalf of ERA Home Security Ltd:

Ben Penson:
Technical & Quality Director

ERA
Total Security

Introduction
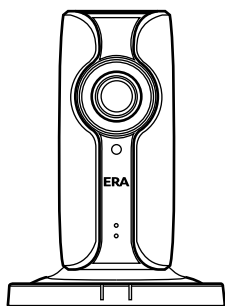
Thank you for choosing the ERA HD WiFi Camera[+]

This camera is easy to set up; just follow the instructions enclosed in this manual to install the camera efficiently. It is important you do not skip ahead to other parts within the manual, as some of the steps do need to be completed in the correct order.

We hope that this camera will exceed your expectations but should you have any questions or concerns, please contact our Customer Helpline
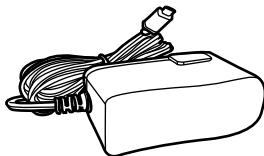on: 0345 257 2500

Contents

1. What's Inside

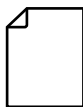HD WiFi Camera⁺ x 1
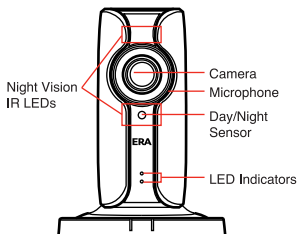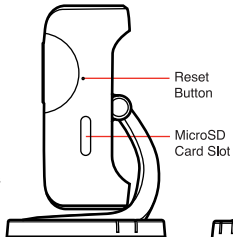(Wall Mount included)

AC Adapter x 1

Reset Pin x 1

Instruction
Manual x 1

Fixing Kit
(Image is a representation,
Tools not incuded)

2. HD WiFi Camera⁺ Overview

Front View

Side View

Back View

Night Vision
IR LEDs

Camera
Microphone

Day/Night
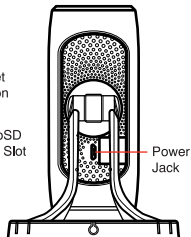Sensor

LED Indicators

Reset
Button

MicroSD
Card Slot

Power
Jack

Status Indication Table

Enter WiFi Pairing State	Red LED Indicator	Blinks Once Per Second
Real-time View	Red LED Indicator	Blinks Twice Per Second
Searching Network	Blue LED Indicator	Blinking
Network Connected	Blue LED Indicator	Solid
Privacy Mode	Red & Blue LED Indicator	Solid

MicroSD™ Card (Optional - not included)

Insert a MicroSD™ Card* when the camera is powered OFF. DO NOT insert an SD Card when the camera is powered ON. *maximum 32GB.

This camera automatically records and saves video if a MicroSD™ card has been inserted; when the MicroSD card reaches full capacity the latest recordings will over-write the earliest recordings.

NOTE: Please ensure your MicroSD card has sufficient space prior to inserting the card into slot.

3. Getting Started

3.1 Download the 'ERA IP116 PLUS CAMERA' App

ERA IP116 PLUS CAMERA   🔍

Download on the **App Store**

ANDROID APP ON **Google Play**

Download the App by searching for 'ERA IP116 PLUS CAMERA' from App Store or Google Play.

If you have also purchased an ERA Alarm System which supports the HD WiFi Camera*,you can also to set up the camera within the alarm App.

3.2 Sign Up/In

If you have not previously registered an account with ERA, please press 'Sign Up' found just below the 'Sign In' icon on the App, and follow the instructions to create your account first.

If you do not receive an account verification code in your email inbox during the registration process, please remember to check your spam/junk folder and make sure the email has not been blocked by your service provider.

Once registered, please select the 'Sign In' icon and enter your email address and password to login.

4. App Control and Settings
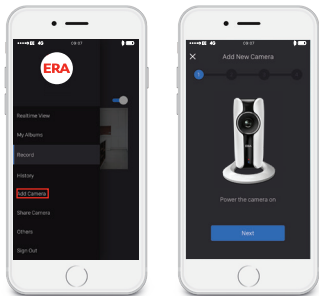
4.1 Menu Page

Edit Account
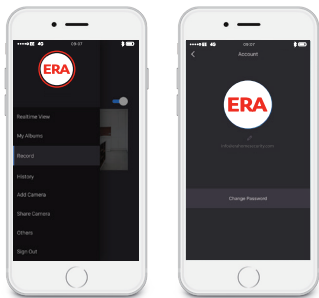
To add a new camera select 'Add Camera' from the side menu.

If you want to change your account name, tap on [⬜] and enter a new name.
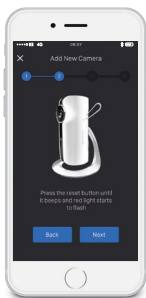
You can change your password from this screen.

Add Camera

You can enter the 'Add Camera' interface by tapping [+] or choosing [Add Camera] from the side menu.

1. Wait for the HD WiFi Camera* Boot up:

Plug the power adapter into a wall socket and the camera will boot up after a few seconds.

2. **Entering the HD WiFi Camera⁺ into WiFi Configuration Mode:**

   Using the Reset Pin, press the Reset Button on the side for 3 seconds; you will hear a beep and see the red light start to blink every second which indicates that the camera is in WiFi configuration mode.

3. **Connecting the HD WiFi Camera⁺ to your smartphone:**

   Exit the 'ERA IP116 PLUS CAMERA' App and go to your smartphone's WiFi list. Select 'WiFi Cam' to connect to the camera. Your smartphone is now the control centre for your HD WiFi Camera⁺.
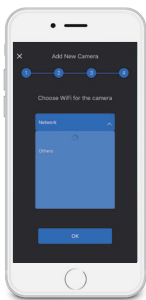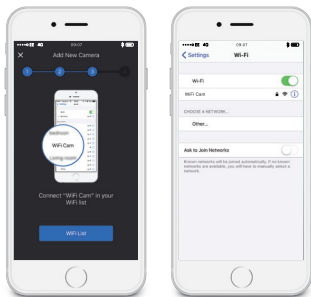
4. **Enter the WiFi Details for your HD WiFi Camera⁺**

   Return to your '**ERA IP116 PLUS CAMERA**' App. Select your 2.4GHz WiFi network from the choices listed and enter the WiFi network's password. The HD WiFi Camera⁺ will connect to the selected WiFi network. This pairing process should take about one minute..

   NOTE: ONLY 2.4GHz WiFi is supported.
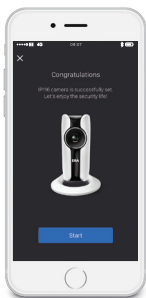
5. Setup completed

When a successful connection is established, the App will show 'congratulations' and the indicator will become solid blue.

Real-time View

❶ Privacy Mode

When the Privacy Mode is turned on, all users will see real time video.

Only the Master account and shared Admin (users with full access) have permission to turn the camera off. No recordings (to the MicroSD™ card) will take place during this time.

❷ Snapshot (left) / Video Recording (right)

Real time screenshots and video clips can be recorded directly to your smartphone. Tap on 'My Albums' to view them.
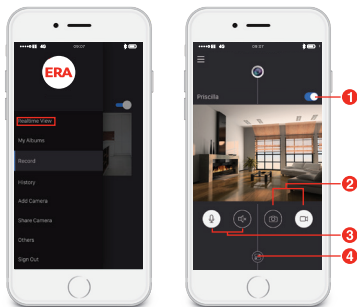

❸ Microphone (left) / Listen in (right)

Press and hold the Microphone button to talk, release the button to exit 'talk'.

To listen in to the area covered by your HD WiFi Camera⁺ tap on the 'Listen in' Button.

❹ App Settings
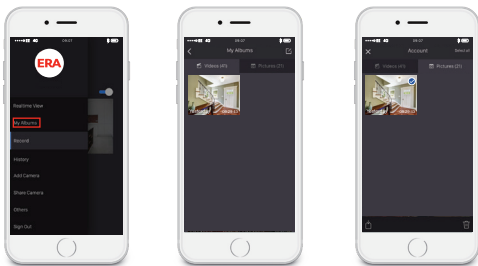
Please refer to page 15 for details.

My Albums

IMPORTANT

In order to record 24/7, a memory card must be inserted and the camera must be connected to the WiFi

Manually saved video clips and snapshots can be viewed, edited and shared in 'My Albums'.

Deleting Video(s) or Snapshot(s)

Tap on the edit icon [ ] and then press [🗑] to delete the video clip or snapshot.

Sharing Video(s) or Snapshot(s)

Click on the camera menu, select 'My Albums' and select either photo or video tab. Share by selecting your chosen video or picture and clicking on the share icon. Share using your preferred method.

24/7 Recording
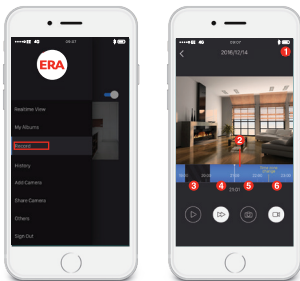
1. Select recording date

2. Motion red line: motion was detected in this interval

3. Pause Button

4. Fast Forward Button

5. Snapshot

6. You can save snapshots and/or video clips of interest directly to 'My Albums' whilst reviewing the 24/7 continuous recording* saved to the Memory Card.
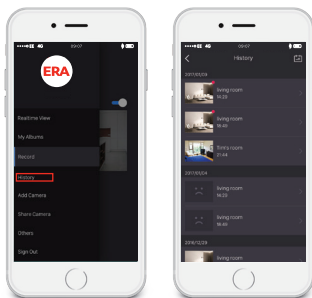
Records Colour Reference

Grey: No Record

Blue: Normal Record

Red: Motion Detected

IMPORTANT

In order to record 24/7, a memory card must be inserted and the camera must be connected to the WiFi
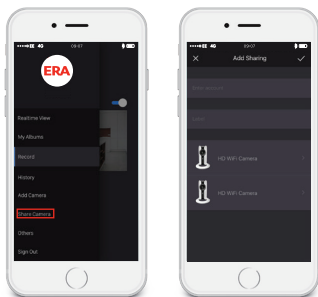
History

Motion-triggered alerts can be reviewed in the History Page.

Tap on [⊞] to pick a specific date to search an alert.

NOTE: Only the most recent 300 alerts will be shown. New alerts will overwrite the oldest ones.

My Shares

Device sharing with family or friends

By choosing 'My Shares' on the menu and pressing the [+] Add Button, you can share access to your device(s) with other registered ERA Account holders.

Enter the email address and label the account you want to share with, and then select the device(s).

When you share a camera and alerts with another user, they can view, but they do not have access to share with anyone else.

It is highly recommended that you set access limits to those who you may share your camera with. By not doing so, you grant your family members or friends continued access to your camera you have shared.
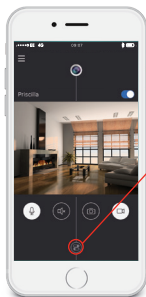
Access Settings
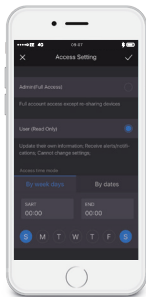
By Week Days

Select the day and specific times/settings that you wish to share.

By Dates

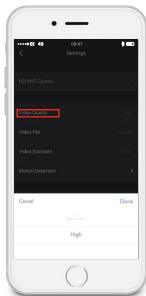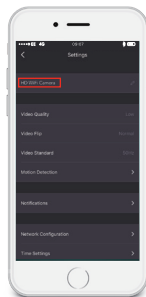Select the date period you would like to share access to your cameras.

4.2. App Settings

Click here to enter the Settings Page.

Device Name

The new name will be shown on the Device List on the Real-time View Page.

**Video Quality**

This setting enables you to choose the video quality that's right for you and your network.

NOTE: If you have a slower network speed you may need to adjust the video quality to a lower setting to avoid interruption.
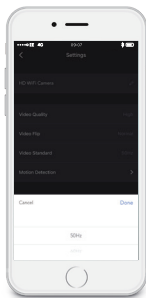
Video Flip

This setting enables you to flip, mirror and mirror flip your view of the real time play without adjusting the positioning of the HD WiFi Camera*·
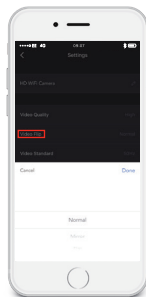
Video Standard

This selectable setting enables you to choose the most suitable frequency for your video.

Motion Detector

The Motion Detector settings can be set to meet your personal requirements. When motion detection is turned on on, you will receive a push notification whenever motion is detected.

You can name cameras relevant to home areas, such as 'Kitchen' and also select areas within the camera view to detect motion from and others to ignore - a kitchen camera may ignore the window area for example so motion of 'passers by' within camera view are ignored but anything moving within the kitchen is detected.
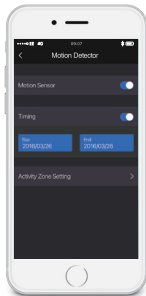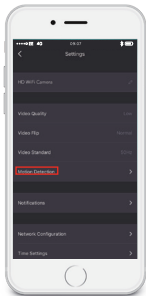
Notifications
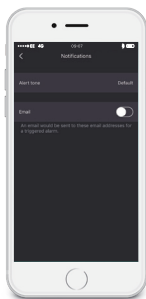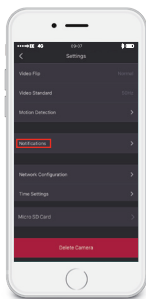
This setting enables you to:

1. Change the alert time of your push notifications.

2. To receive email notifications whenever motion is detected, turn on the 'Email' function and input the receiving email addresses.

Network Configuration
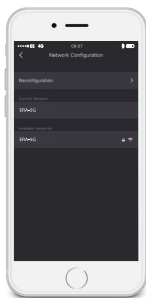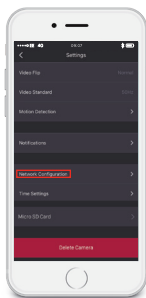
1. Reconfiguration

This setting enables you to reconfigure your HD WiFi Camera+ when a network issue has arisen. All settings and records will NOT be erased.

2. Current Network

This setting indicates your current network and the signal strength.

3. Switching between Available Networks

This setting enables you to connect your HD WiFi Camera+ with another nearby WiFi network, without repeating the camera-phone pairing process.

Time Settings
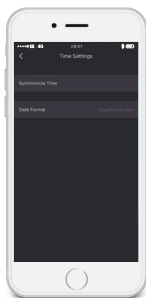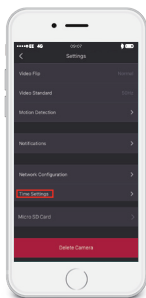
1. Synchronize Time

Set the correct time zone for your region to ensure the time-stamp on the recorded video is accurate.

When motion is detected, you will receive a push notification, for example: Activity detected by HD WiFi Camera Name at 8:20 GMT

2. Date Format

This setting enables you to change the format of the date shown on the History Page.

Firmware Update
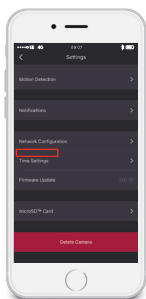
This function allows you to check for firmware updates.

IMPORTANT

Do not switch off your camera or force the update to stop if it's in progress as this can damage your camera.

Update steps: tap on [Firmware Update]. Alternating Red and Blue lights will flash during the UPDATE process.

MicroSD™ Card
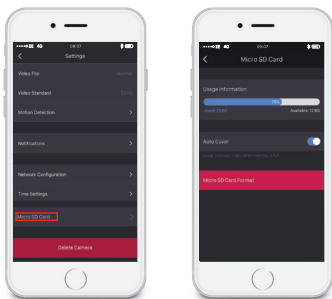
1. Auto Cover

New videos will overwrite older ones automatically when the memory card is full.

2. MicroSD™ Card Format

This setting erases all the recordings stored on your memory card.

This process is irreversible, so please do proceed with caution.

5. Installation

IMPORTANT: This camera should be placed where the WiFi signal is strongest for optimal performance
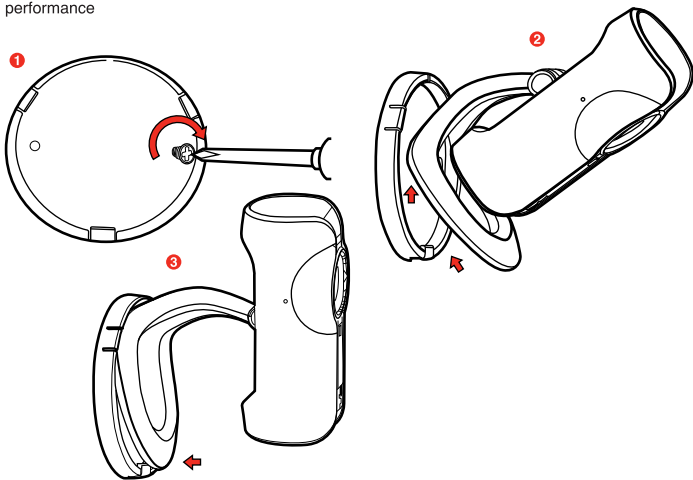
6. Restoring to Factory Settings

Please read the steps below carefully before restoring to factory settings.

NOTE: To save the recordings on your memory card, remove the card from the camera before restoring to factory settings.

Use Reset Pin to press the Reset Button (refer to page 5) for 10 seconds, during which time, the camera will beep for 3 seconds, continue to hold the Reset Button until two beeps are heard. After that, the camera will be restored to factory setting.

Restoring to factory setting will clear the connection between your camera and smartphone, therefore you should add the camera to your App again.

# 7. Specifications

Image Sensor	1/4' CMOS Sensor
Min. Illumination	0.02Lux @ (F2.0,AGG ON)
	0 Lux with IR
Shutter time	1/50s to 1/100,000s
Lens	2.4mm F2.0
Angle of View	95°
Video Compression	H.264
Bit Rate	Self-adaption
Max. Image Resolution	1280 x 720
Frame Rate	20fps (1280 x 720)
Storage	Built-in MicroSD card slot, up to 32GB
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4GHz ~ 2.435GHz
Channel Bandwidth	20/40MHz Support
Operating Conditions	Temperature 0C - 60C (32F - 140F)
	Humidity < 90% (non-condensing)
Power Supply	DC 5V 1A
Power Consumption	5W MAX
Dimensions (L x W x H)	91mm x 78mm x 155mm

ERA 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 or 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 alarms@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.

Customer Helpline:
0345 257 2500