MANUAL

WIRELESS HD SECURITY CAMERA

ACCESSOIRE HOME+ ALARM SYSTEM

AS90CAB

Home is not a place, it’s a feeling

Inhoud

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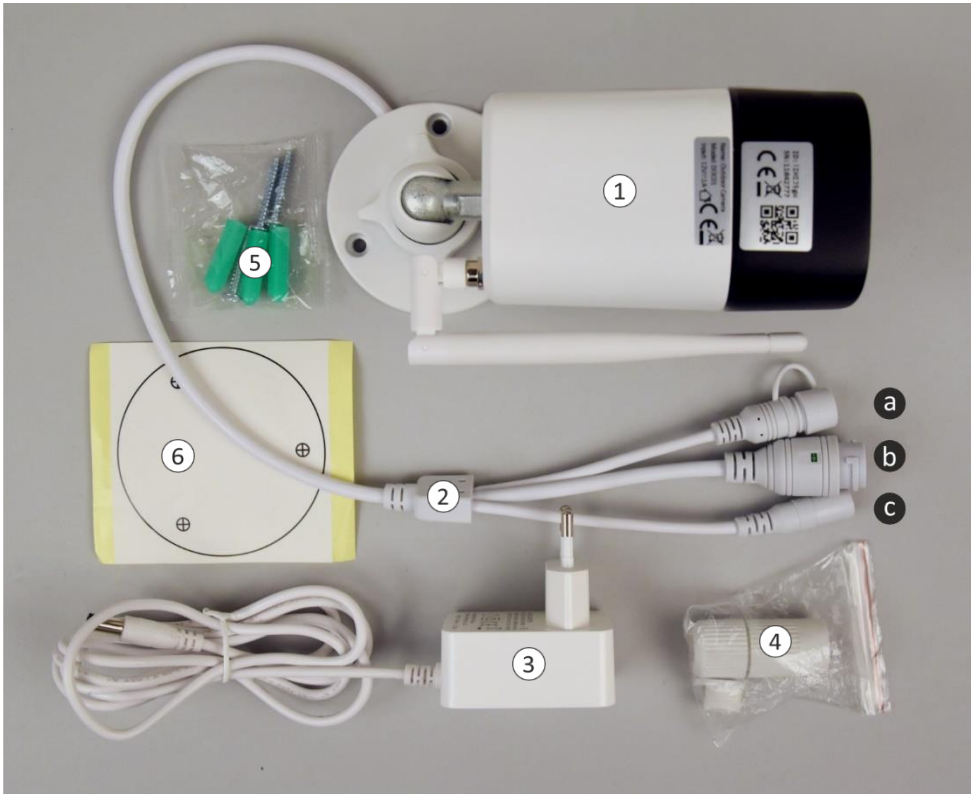
1. Introduction

Please take the time to read this manual before starting to install the security camera. The camera is suitable for outdoor mounting and has IR-LED illumination with automatic IR-Cut switch. The night vision range is 30 metres.

2. Package Contents

- Security camera (**1**)
- Explanation of connections (**2**)
  a. reset button, back to factory settings
  b. network cable connection
  c. adapter connection
- Adapter DC 5V/2A with 1.5 m cable (**3**)
- Moisture proof connection (**4**)
- Screws and plugs (**5**)
- Mounting template (**6**)

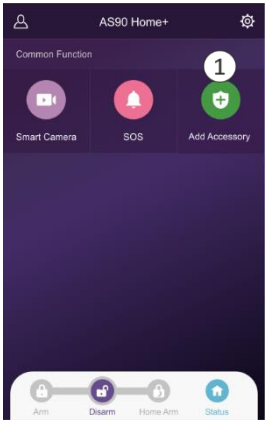


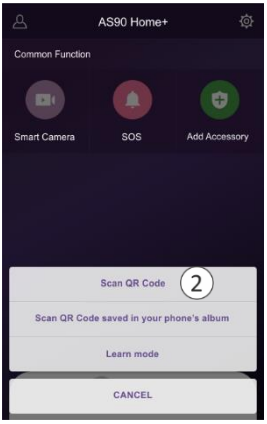
3. Installation Android

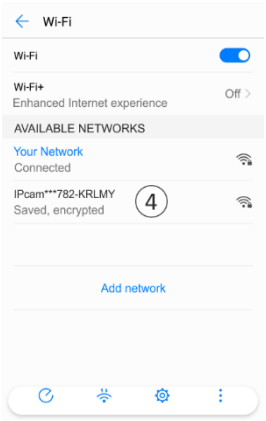
The camera installation must be carried out **WITHOUT** network cable.
After installation and if needed for a more stable connection, you can connect the camera with a network cable to your router/modem

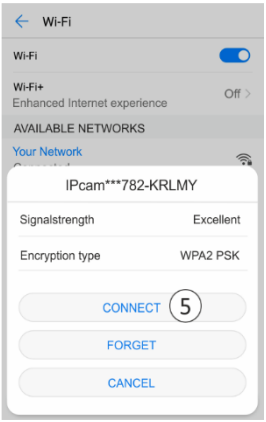
- Connect the adapter to the camera and a wall outlet, do not connect the network cable.
- Wait for about 1 minute for the camera to perform a self-test, the camera will start running.
- Open the app and tap "Add accessories" (**1**).
- Scan the QR Code on the bottom of the camera (**2**).
- Connect your smartphone to the camera's network, tap the blue bar (**3**).
- When prompted, enter the camera's default password: **01234567**.
- The camera's network IPcam***782-KRLMY (**4**) will now be visible in the WiFi list, tap it (Installation with Android tablet see page 5).
- Your smartphone is paired with the camera (**5**) (Installation with Android tablet see page 5).
- The camera is now not connected to the internet, only to your smartphone.
- Return to the WiFi list (**6**) (Installation with Android tablet see page 5).
- Choose your own network, refresh **(7)** if the network is not yet visible.
- Once your own network has been set up, press the blue "V" **(8**) to confirm.
- You can now give the camera a (location) name (**9**), click the blue "V" to agree.
- Now tap the Smart Camera icon (**10**).
- The camera will come online, tap the circle with the exclamation mark (**11**).
- You will now be asked to change the password "admin" (**12**).
- Change the password and confirm **(13)**, the camera is now successfully connected **(14)**.

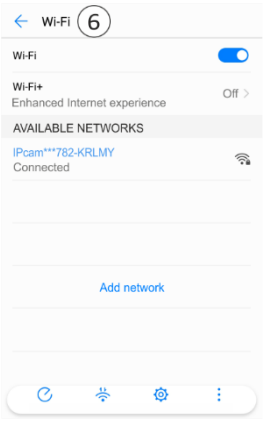
ADVICE: In case of an unstable network, you can connect a network cable to the camera and your router/modem after installation.



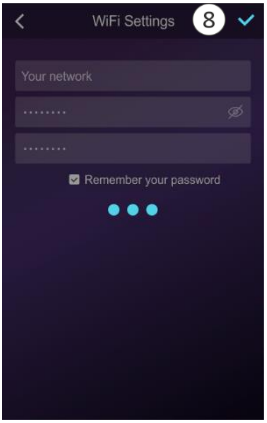



Wi-Fi
Wi-Fi
Wi-Fi+
Enhanced Internet experience
Off
AVAILABLE NETWORKS
Your Network
Connected
IPcam***782-KRLMY
Saved, encrypted
4
Add network

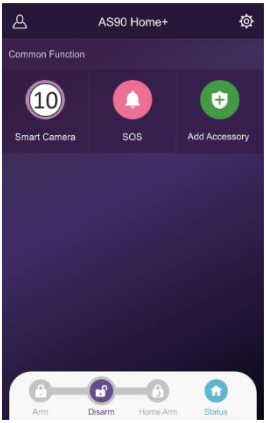

Wi-Fi
Wi-Fi
Wi-Fi+
Enhanced Internet experience
Off
AVAILABLE NETWORKS
Your Network
IPcam***782-KRLMY
Signalstrength
Excellent
Encryption type
WPA2 PSK
CONNECT
5
FORGET
CANCEL

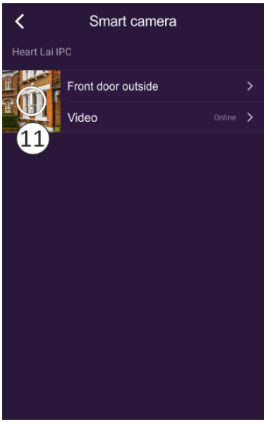

Wi-Fi
6
Wi-Fi
Wi-Fi+
Enhanced Internet experience
Off
AVAILABLE NETWORKS
IPcam***782-KRLMY
Connected
Add network

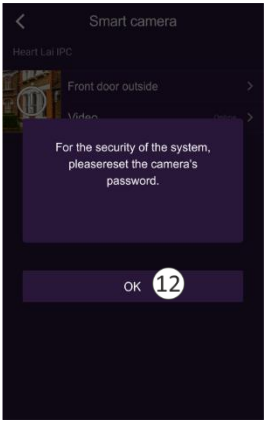
WiFi-List
7
Your Network

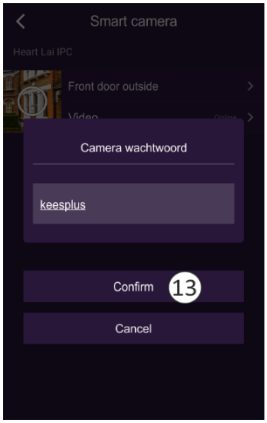

WiFi Settings
8
Your network
Remember your password

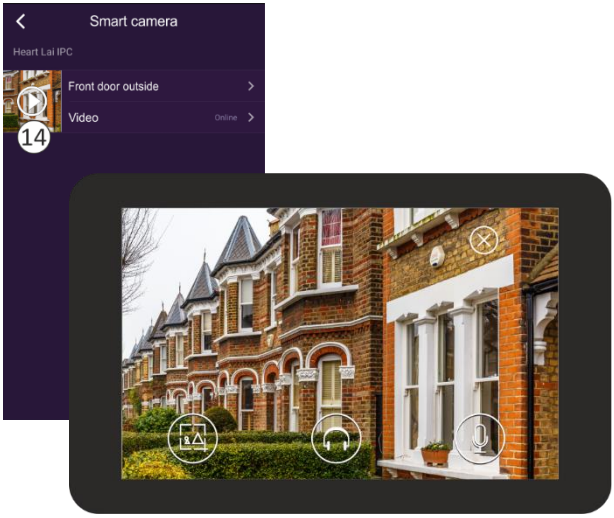
Accessory settings
Smart camera
Front door outside
9

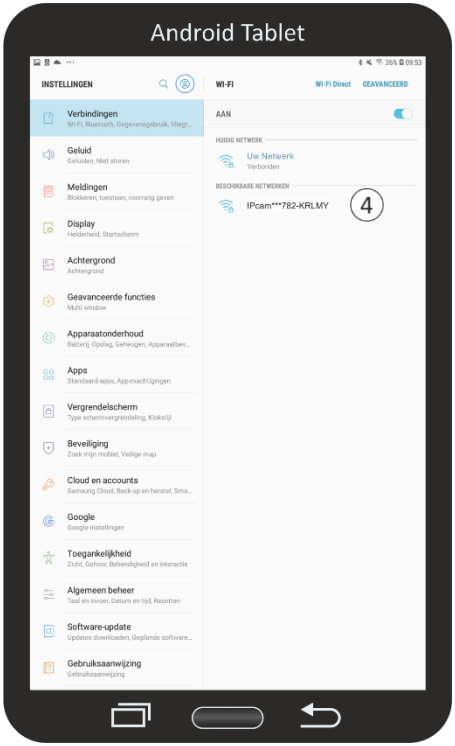

AS90 Home+
Common Function
10
Smart Camera
SOS
Add Accessory
Arm
Disarm
Home Arm
Status

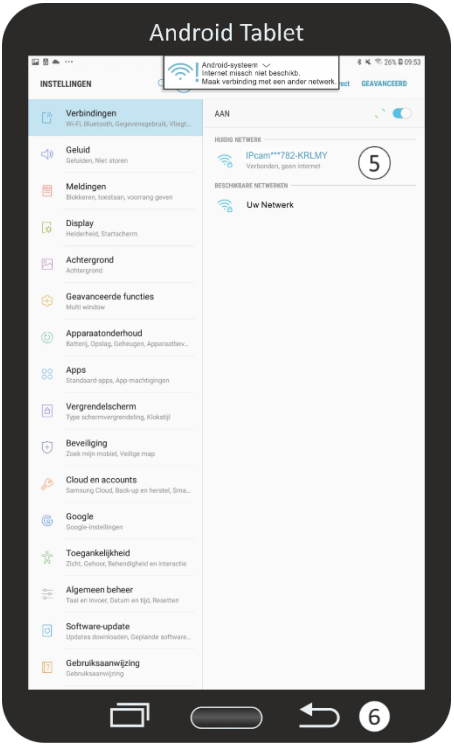

Smart camera
Heart Lai IPC
Front door outside
Video
Online
11


Smart camera
Heart Lai IPC
Front door outside
For the security of the system, pleasereset the camera's password.
OK
12


Smart camera
Heart Lai IPC
Front door outside
Camera wachtwoord
keesplus
Confirm
13
Cancel


Smart camera
Heart Lai IPC
Front door outside
Video
Online
14


Android Tablet
INSTELLINGEN
WI-FI
Wi-Fi Direct
GEAVANCEERD
AAN
Verbindingen
Geluid
Meldingen
Display
Achtergrond
Geavanceerde functies
Apparaatonderhoud
Apps
Vergrendelscherm
Beveiliging
Cloud en accounts
Google
Toegankelijkheid
Algemeen beheer
Software-update
Gebruiksaanwijzing
HUIDIG NETWERK
Uw Netwerk
Verbonden
BESCHIKBARE NETWERKEN
IPcam***782-KRLMY
4


Android Tablet
Android-systeem
Internet misschi niet beschikb.
Maak verbinding met een ander network.
INSTELLINGEN
GEAVANCEERD
AAN
Verbindingen
Geluid
Meldingen
Display
Achtergrond
Geavanceerde functies
Apparaatonderhoud
Apps
Vergrendelscherm
Beveiliging
Cloud en accounts
Google
Toegankelijkheid
Algemeen beheer
Software-update
Gebruiksaanwijzing
HUIDIG NETWERK
IPcam***782-KRLMY
Verbonden, geen internet
5
BESCHIKBARE NETWERKEN
Uw Netwerk
6

4. Explanation icons

Tap to take a photo.

Tap to listen.

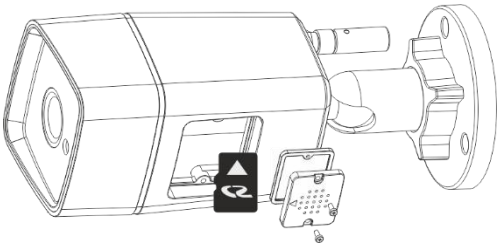
Press and hold to talk.

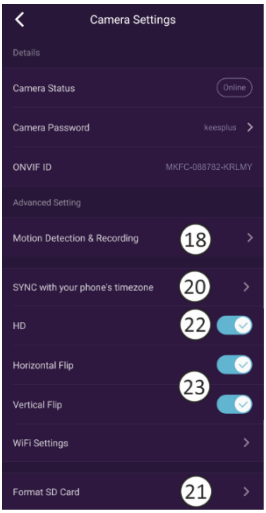
5. Deleting a link

The link can be removed by tapping on the location name "Front door outside" in the "Smart Camera" screen (**14**). You will then enter the "Accessory Settings" screen (**15**) and remove the link by tapping "Remove" (**16**).

6. Motion detection and recording

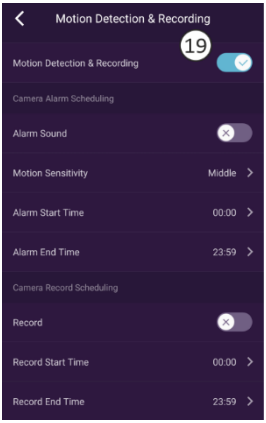
A micro SD card with a maximum capacity of 128 GB can be inserted. All recordings made by the motion detection are stored on it. The recording lasts 15 seconds. Tap "Camera settings" (**17**) and then "Motion detection and recording" (**18**) to make settings (**19**). For retrieval of recordings, it is important that the camera is set equal to the time on your phone, select this option (**20**) and agree. Format the SD card before using it (**21**).





7. Record playback

When you start looking back at recorded recordings they are retrieved from the SD card, please note that this may take a while. The camera always overwrites the oldest recordings. If you need to save recordings, you can copy the contents of the SD card to your PC or laptop. Recordings are recorded in (**22**) HD (high definition) by default. HD turned off is SD (standard definition).

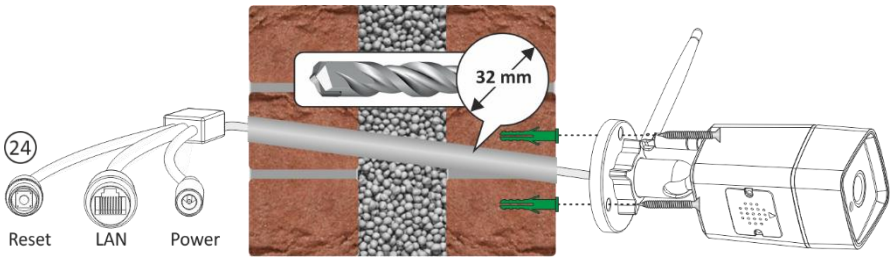


8. Horizontal / vertical rotation

These functions (**23**) allow you to correct the image in the app horizontally and vertically

9. Mounting the camera.

You can use the mounting template to mark the drill holes. If you want to bring the cable into the house, you need to drill a hole at an angle (approx. 10°) from outside to inside. In DIY stores you can buy a 32 mm PVC pipe through which you can run the connection cable.



Note

If necessary for stable connection use can use the LAN connection.

If the connection of the network cable is outdoors, you can use the see page 2: 4. moisture-proof connection. This is only possible if you can mount the RJ45 plug to the cable yourself.

10. Resetten

- This returns the camera to the factory settings. No network cable should be connected, and a previous link must be removed, see chapter 4 Remove link.
- Press and hold the reset button (**24**) until you hear a tone, some time may pass before all data is deleted. Unplug the camera adapter from the power outlet and wait about 1 minute before plugging it back in

11. Frequently Asked Questions

De camera The camera is connected to the Internet but I cannot link it in the app.

- The installation must be done without a network cable.
- Make sure you have used the correct QR code during the pairing section.
- Make sure you are using the 2.4GHz Wi-Fi, the camera cannot support 5GHz yet.
- The camera only supports IPV4. DHCP Server/Services must be enabled on the router setting.
- If you are using a firewall, all ports from 10000 to 65535 of the camera's IP address must be allowed to go in/out in the firewall rule. We recommend that you allow the camera for all data.

I cannot save the screenshots.

- The app needs to access your phone's album to save the screenshots. You may need to approve the authorisation. If you incorrectly click the 'No' option during authorisation, you may need to enable it in the system menu.

I am unable to pair the camera with an iOS smartphone.

- Please try the installation with an Android smartphone/tablet. After installation, the camera is automatically available for your iOS device.

There is a lot of delay, during the Pan/Tilt function the image moves jerkily forward.

- If you have an unstable network, you can connect a network cable to the camera and your router/modem after installation.

The camera periodically emits an audio signal.

- This may indicate a restored WiFi signal, make a permanent connection with a network cable to your router/modem.

12. Specifications

Camera

Image sensor	1/2.9" 1080P CMOS
Effective pixels	1920(H)x1080(V)
Light sensor	(IR-Cut) Auto (ICR) / Kleur / zwart-wit
IR distance	30 meter (98 ft)
Supported SD Card (excl.)	Max. 128 GB

Lens

Focal length	4 mm
Aperture	F2.4
Angle of view	114° diagonaal

Video

Resolution	1080P (1920x1080) VGA (640x352)
Video Bitrates	64Kbps ~ 8Mbps
Video Frame Rate	25fps@1080P

Netwerk

Networkprotocol	HTTP, FTP, TCP/IP, UDP, SMTP, DHCP, NTP, UPNP, RTSP, Onvif, DDNS
Smartphone	iOS (9.0 of hoger), Android (5.0 of hoger)
WiFi	Wi-Fi (802.11b/g/n), 2.4G only, supports WEP/WPA-PSK/WPA2-PSK encryption
P2P	Ondersteund

General

Power supply	DC 12V/1A
Power consumption	<5W
Operating temperature	-10°C~+55°C,10%~90% RH
Dimensions	-70.5 x 173.5mm
Weight	380 gr.

13.DoC

- I, ELRO Europe, hereby declare that the radio equipment type AS90CAB is in conformity with Directive 2014/53/EU. The full text of the EU declaration of conformity can be found at the following internet address: www.elro.eu/compliance
- Frequency: 2.4GHz - 2.4835GHz
- Maximum transmission power: 19dBm

14.Symbolen

Recycling and disposal: The WEEE symbol means that this product and the batteries must be disposed of separately from household waste. When this product reaches the end of its service life, take it to a designated waste collection point nearby to ensure safe disposal or recycling. Protect the environment and human health, use natural resources responsibly!

Read the manual before use and keep it in a safe place for future use and maintenance.

Warranty visit www.elro.eu

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