

EN 720P WiFi IP camera
Outdoor
ref. 123881

HD
720p



(Not included)

g Wi Fi n
2.4GHz



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A - SAFETY INSTRUCTIONS

1 - OPERATING PRECAUTIONS

- The cameras must not be installed where the lens filter may be vulnerable to scratching and dirt.
- Do not expose the lens to direct sunlight or any reflected light source.
- Do not daisy-chain extension cords and/or multi-socket adapters.
- Do not install near acidic chemicals, ammonia or sources of toxic gases.
- The installation and use of the camera must comply with local laws.

2 - MAINTENANCE AND CLEANING

- Always unplug the product from the mains before carrying out any maintenance.
- Never use abrasive or corrosive substances to clean the products.
- Use a soft, slightly damp cloth.
- Never use an aerosol to spray the product as this may damage the internal workings.

3 - RECYCLING

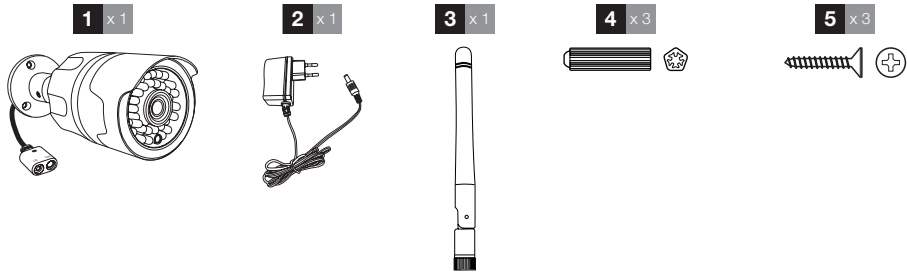


This logo denotes that devices which are no longer in use must not be disposed of as household waste. They are likely to contain hazardous substances that are dangerous to both health and the environment. Return the equipment to your local distributor or use the recycling collection service provided by your local council.



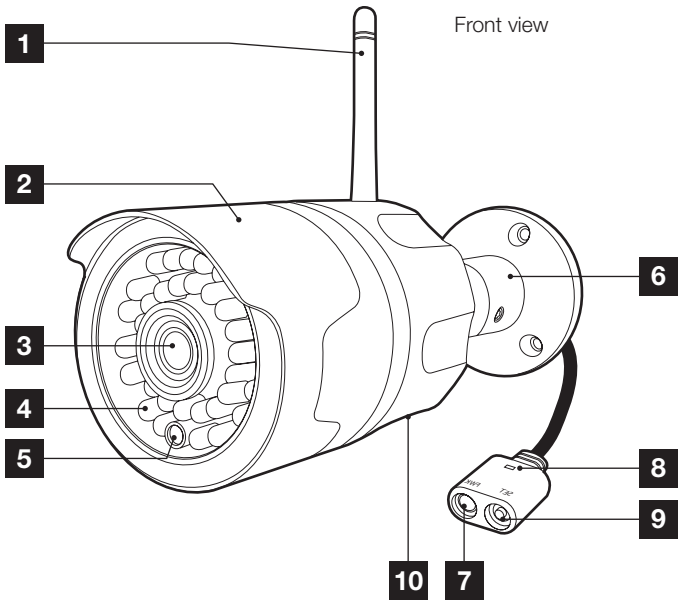
B - PRODUCT DESCRIPTION

1 - CONTENTS OF THE KIT



1	Camera	4	Wall plugs for attaching the base
2	Mains adaptor	5	Screws for attaching the base
3	Antenna		

2 - CAMERA



1	Antenna	6	Adjustable stand
2	Protective Shield	7	12 VDC 1A mains adaptor power supply included in the kit
3	Lens	8	Green detection indicator
4	Light for night vision	9	WiFi reset button
5	Twilight sensor	10	Micro SD card housing cover

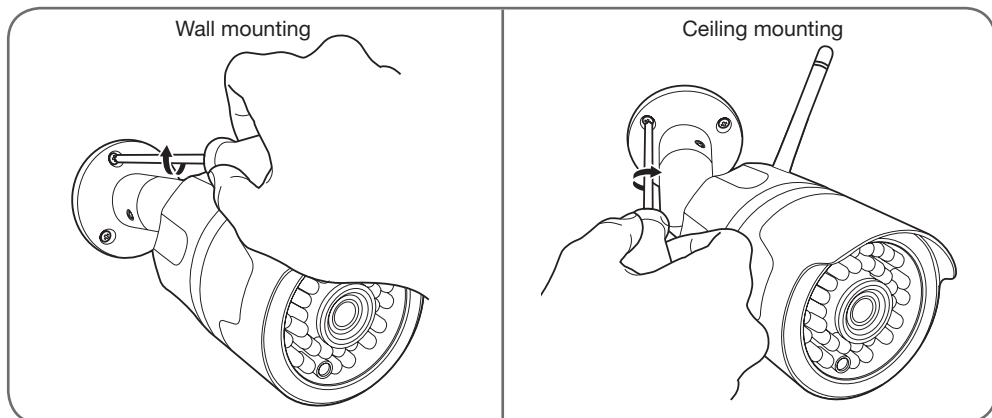
B - PRODUCT DESCRIPTION**3 - MAINS ADAPTER**

A 230Vac 50Hz / 12Vdc 1A mains adapter is supplied in the kit for the camera power supply. Do not use other power supplies as they could damage the camera and invalidate the warranty.

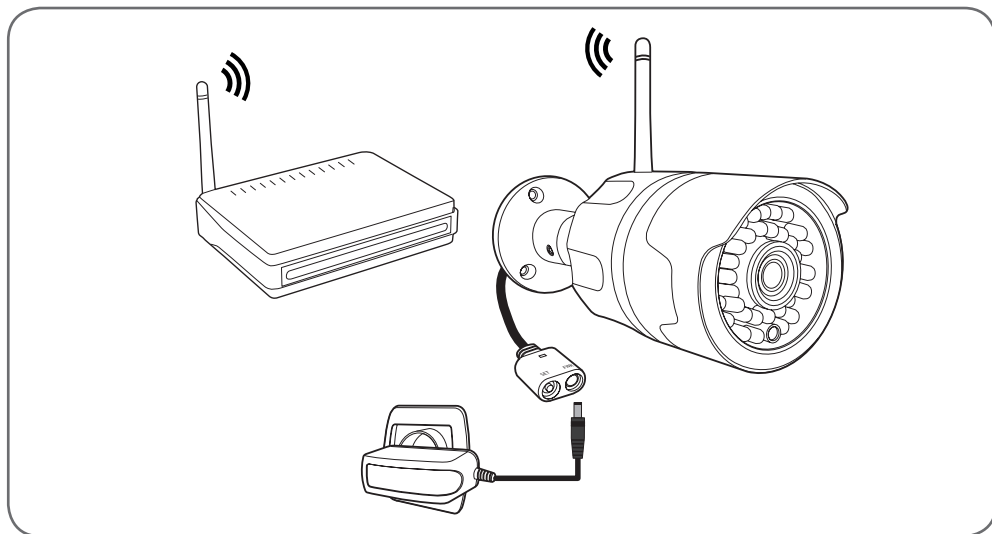
C - INSTALLATION

1 - INSTALLING THE CAMERA

- Mount the camera using suitable screws and wall plugs for the type of surface (the screws and plugs supplied are suitable for solid walls).
- Make sure the camera is properly secured to prevent it from falling.



2 - CONNECTING THE CAMERA



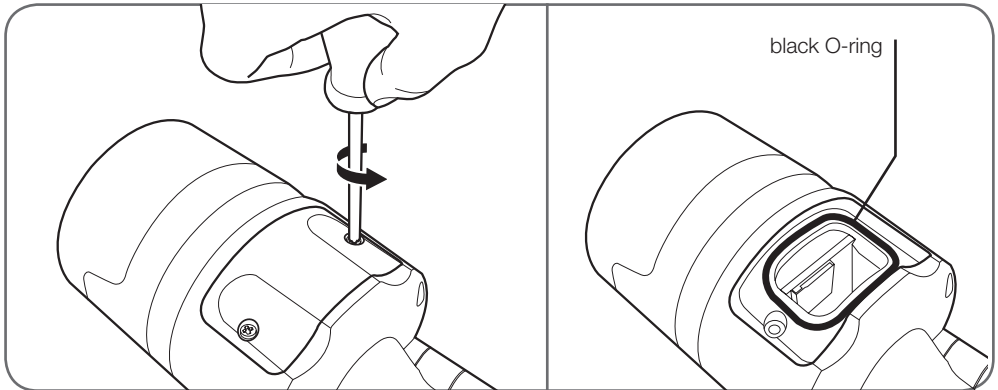
3 - INSERTING A MICRO SD CARD (NOT INCLUDED)

Your camera has a micro SD card slot, which gives it an internal storage memory. The maximum size is 64 GB. This use is optional, but it is necessary if you want the camera to record independently.

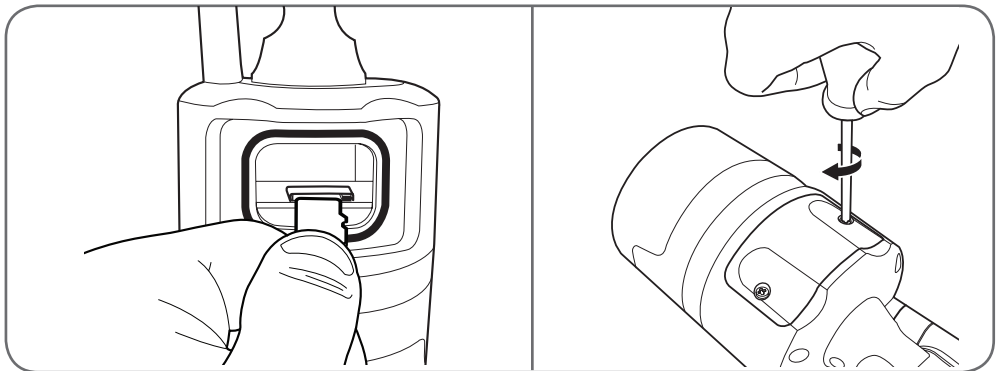
Tool needed: Thin, cross-headed screwdriver with PH1 bit holder (Philips).

Carry out the following operations on a flat and well-lit surface:

- Remove the two screws from under the camera using your screwdriver.
- Remove the cover, taking care not to lose the black O-ring.



- Please insert the microSD card




- Put the cover back on, making sure that the black O-ring is positioned correctly, and properly tighten the two external screws to ensure the camera is watertight.

Note: These operations must be carried out with the camera disconnected from the mains power supply.

D - CONFIGURATION

1 - CONFIGURING THE CAMERA AND ADDING IT TO THE APP

Download the Avi-cam IP application  from the appstore or Google Play and then launch the application.

Important: first connect your smartphone or tablet to the WiFi network that your camera should be using.

Network compatibility: 2.4 GHz - 20/40 auto - WPA/WPA2

Not compatible with 5 GHz WiFi, not compatible with WEP encryption.

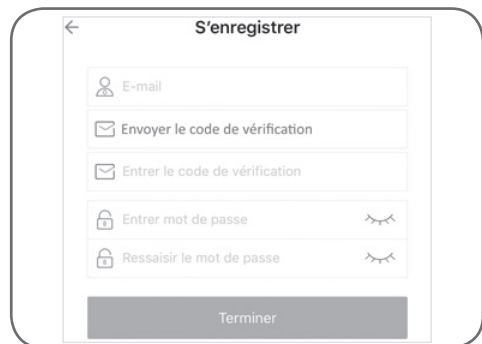
Special characters (!>&@ etc.) in your security key or network name as well as HT40 (forced 40 MHz bandwidth) may lead to connection difficulties.

Please check the WiFi settings of your gateway with your Internet service provider if you experience connection difficulties.



• Log in to your account by tapping “**se connecter**” [log in] and enter your username and password, finish by tapping “**Se connecter**” [log in].

• If you don't already have an account, tap “**s'enregistrer**” [register]



Fill in the “**E-mail**” [Email] and “**Mot de passe**” [Password] fields

Email: “indiquez une adresse e-mail valide” [enter a valid email address].

Mot de passe [password]: choose a personal password containing letters and numbers between 6 and 30 characters long.

Click on “**Envoyez le code de vérification**” [send the confirmation code]

Check your inbox in order to obtain the code, which you will then enter into the “**entrer le code de vérification**” [enter the confirmation code] field.

Once you have entered the confirmation code, finish by clicking on “**Terminer**” [Finish] or “**s'enregistrer**” [Register].

Note: if, after 5 min, you still have not received the email with the code, please make sure the message was not sent to your

“courriel indésirable” [junk mail] or “SPAM” [Spam] folder.

When you log into your account for the first time, tap “**Ajout appareil**” [Add device] in the centre of the screen.

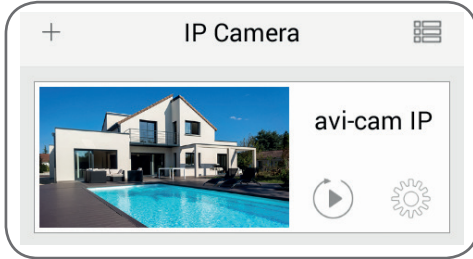


Otherwise, tap the “**+**” button at the top left corner of the interface.

• Tap “**connexion de ma caméra**” [connect my camera] and follow the on-screen instructions.

Enter the password for the WiFi network to which your smartphone or tablet is connected, then tap “**Suivant**” [Next]. Turn the volume on your smartphone or tablet up to maximum and place it within 20 cm of the camera. Tap “**Envoi Message Sonore**” [Send Sound Message] to configure and add your camera. If the device hasn't been added at the end of the countdown, but the green LED on your camera remains on for between 30 and 60 seconds, tap “**Envoi Message Sonore**” [Send sound message] again.


D - CONFIGURATION

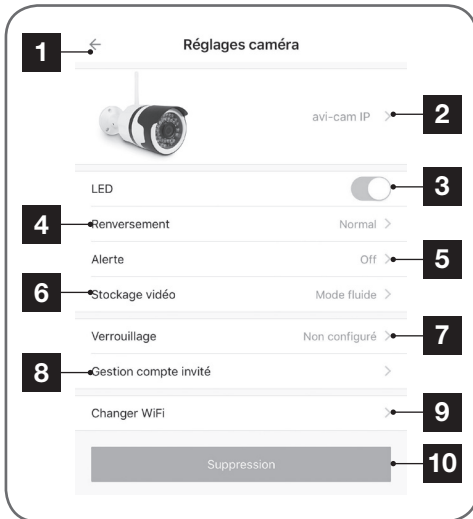


Your camera will appear in the list and you can access its video and settings.

2 - ACCESS TO ALL SETTINGS

2.1 - Configuration


From the list of cameras, click the  icon to display the configuration menus:

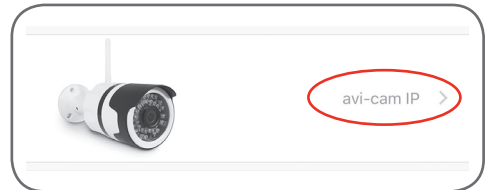


- | | |
|---|---|
| 1 | Return to the list of cameras |
| 2 | Accessing camera information (name, IP, MAC, Version, etc.) |
| 3 | Enables/disables the green status LED on the camera |
| 4 | Enables image inverting |
| 5 | Configuration menu for movement detection alerts |

- | | |
|----|---|
| 6 | Configuration menu for recording quality on the micro SD card |
| 7 | Implementing a locking scheme to protect your camera's live viewing and recordings. |
| 8 | Allows you to add a guest account on your camera to allow others to access your camera |
| 9 | Changing the camera's WiFi network: to add a new WiFi network, you must first connect to the new network with your smartphone (the camera must be within reach of the old and the new WiFi network) |
| 10 | Remove the camera from your Avi-cam IP account |

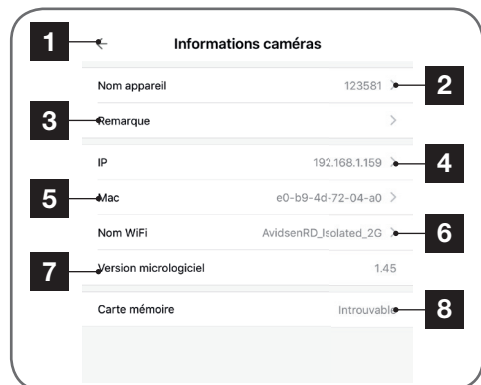
2.2 - Information and changing the camera name

To change your camera's display name, or access your camera's information, click on the  icon on the camera, and press the **"nom actuel"** [Current name] of your camera.



D - CONFIGURATION

You will receive the following information:



1	Return to the list of cameras
2	Menu to rename your camera
3	Allows you to add information about your camera, location, owner, (useful if you share your camera with a guest account)
4	Displays your camera's current IP address
5	Displays your camera's current MAC address
6	Displays the name of the WiFi network the camera is connected to
7	Displays your camera's Firmware version
8	Displays information about the micro SD card if present

2.3 - Movement detection and alerts

To access the movement detection and alerts menu, click on the  icon on the camera, and press **"alerte"** [Alert].

Note: If a micro SD card is inserted and you enable alerts, a 30-second recording will automatically be triggered when movement is detected.

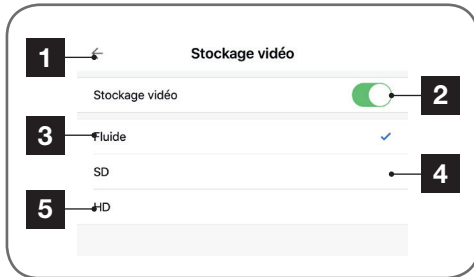


1	Return to the list of cameras
2	Enabling/disabling movement detection
3	Enabling/disabling the sound alert on your smartphone: push notification
4	Selecting the sound to play when receiving push notifications on your smartphone
5	Selecting the detection sensitivity: Low/normal/high
6	Selecting the movement detection start time
7	Activation range
8	Selecting the movement detection end time
9	Android only: OK button to save time slot

D - CONFIGURATION

2.4 - Settings for recording on the micro SD card

To access the recording on the micro SD card menu, click on the  icon on the camera, and press “**Stockage vidéo**” [Video storage].

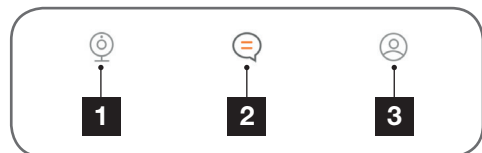


- | | |
|---|---|
| 1 | Return to the list of cameras |
| 2 | Enable/disable continuous recording on micro SD card (not included) |

Recording quality selection:


- | | |
|---|---------------------------|
| 3 | Fluid = 50KB/s (~2GB/day) |
| 4 | LD = 100KB/s (~3GB/day) |
| 5 | HD = 200KB/s (~6GB/day) |

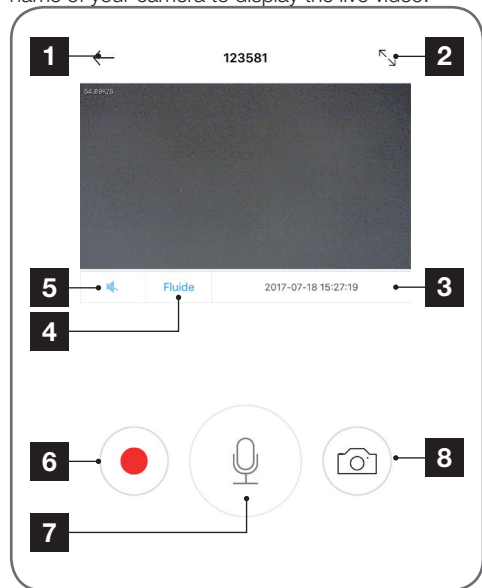
E - OPERATION



1	List of cameras
2	Alerts
3	Profiles menu and local recording



1 - LIVE VIDEO

From the list of cameras , click the image or name of your camera to display the live video:



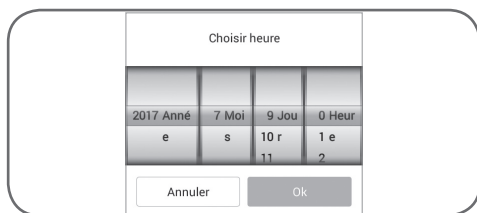
1	Return to the list of cameras
2	Enables full-screen mode
3	Current date and time of camera
4	Selection of display quality
5	Not available on this model
6	Triggers video recording (stored on your smartphone)
7	Not available on this model
8	Trigger taking a picture (stored on your smartphone)

2 - PLAYING CAMERA RECORDINGS

From the list of cameras , click on the “relecture” [playback] button  under the camera name.

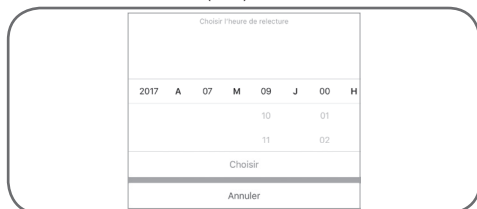
Select the date to view the corresponding video.

*Confirm with **OK** (Android)

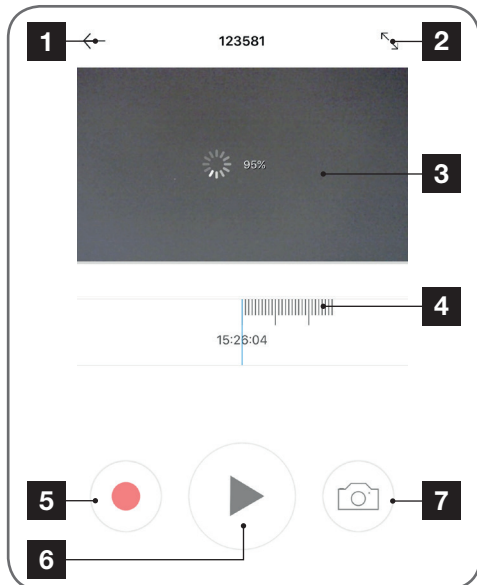


or

*Confirm with **Select** (iOS)



If a video is available at the selected date and time, playback will start automatically.



E - OPERATION

1	Return to the list of cameras
2	Enables full-screen mode
3	Video viewing
4	Video progress bar
5	Triggers video recording (stored on your smartphone)
6	Starts playing the alert record
7	Trigger taking a picture (stored on your smartphone)

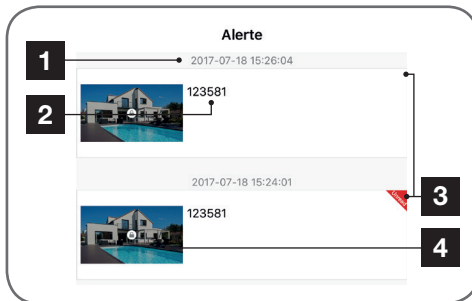
Note: During live viewing, you can take photos or record the video on your Smartphone. You will find them in the **"Mon compte"** [My account] section.

3 - PLAYING ALERT VIDEOS

Press the Alert menu at the bottom of the interface

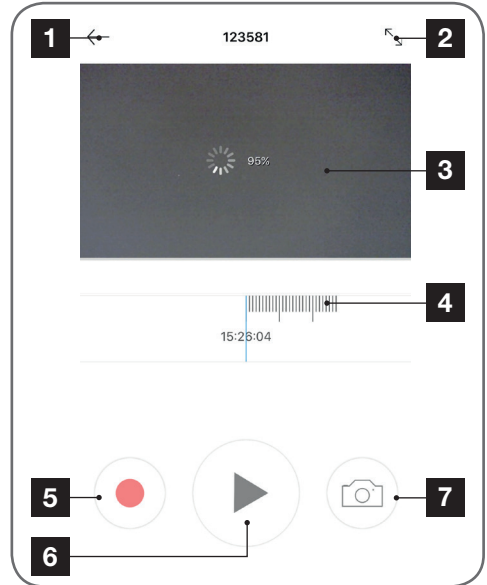


This menu will show the different alerts your camera will display when movement detection is enabled and your camera has a micro SD card.




1	Displaying the date and time of alert
2	Name of the camera that raised the alert
3	New message indicator: UNREAD = video not viewed No red triangle = video already viewed
4	Tap the camera image to start playing the alert

Note: When playing back an alert record, you can take photos or save the clip to store them locally on your Smartphone. You will find them in the **"Mon compte"** [My account] section.



1	Return to the list of cameras
2	Enables full-screen mode
3	Video viewing
4	Video progress bar
5	Triggers video recording (stored on your smartphone)
6	Starts playing the alert record
7	Trigger taking a picture (stored on your smartphone)

4 - ACCOUNT AND LOCAL STORAGE OF YOUR PHOTOS/VIDEOS

Press the **"Mon compte"** [My account] menu  at the bottom of the interface.

This menu displays your account management: password and recovery options, access to videos

and photos stored in the **avi-cam IP** app, as well as information about the app version.



- 1 Changing your password and configuring password recovery options in case of forgotten password (security question, emergency e-mail)
- 2 Album containing your manually taken photos and videos while playing back a camera
- 3 Information on the application
- 4 Logs out of your account

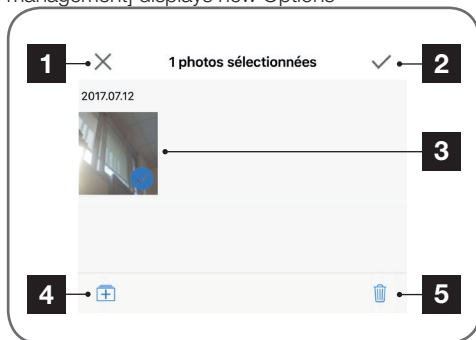
5 - ALBUM MANAGEMENT

5.1 - iOS



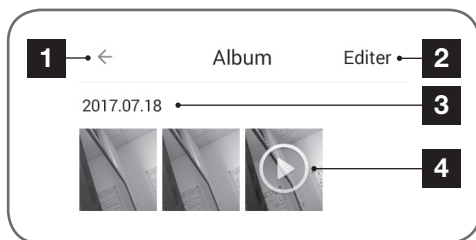
- 1 Return to previous menu
- 2 Enables content management
- 3 Creation date of the album files
- 4 Displays your photos and videos stored in the app, tapping on a photo or video will start playback.

Pressing “**gestion du contenu**” [content management] displays new Options



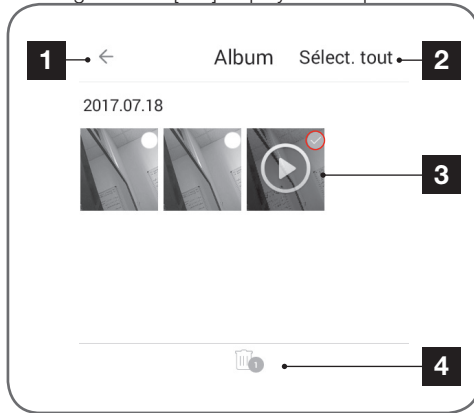
- 1 Exits the content management menu
- 2 Selects all available content
- 3 Pressing an image or video selects or deselects it
- 4 Displays the export to iOS photo album menu (click on “**Stockage smartphone**” [Smartphone storage] to start exporting the selected items)
- 5 Delete the selected photos and videos

5.2 - Android



- 1 Return to previous menu
- 2 Enables content management
- 3 Creation date of the album files
- 4 Displays your photos and videos stored in the app, tapping on a photo or video will start playback

Pressing "**Editer**" [edit] displays new Options



1	Exits the content management menu
2	Selects all available content
3	Pressing an image or video selects or deselects it
4	Delete the selected photos and videos

Note: With an Android smartphone or tablet, your photos or videos can be accessed directly from your device's file browser in the following location:

- If your Android device has an SD card:
SD card / Avidsen / screenshot / name of your account /
- If your Android device doesn't have an SD card:
Internal SD / Avidsen / screenshot / name of your account /

F - RESETTING

In a problem occurs, the WiFi configuration can be reset by holding the **SET** button for 3 to 5 seconds. Once reset, the camera will start up again. After 30 seconds, it is available for reconfiguration.

Note: Pressing the **SET** button does not delete the camera pairing from your app

Symptoms	Possible causes	Solutions
<i>Unable to install the avi-cam IP app on my Android device</i>	You have an out-of-date or incompatible version of Android on your device	Please contact the technical support of your device's manufacturer in order to obtain a recent Android version.
	Google Play checks all the key components needed to run the application properly. If your equipment does not meet the necessary criteria, the installation will not complete	Try the installation on a different Android device.
<i>Unable to install the avi-cam IP app on my Apple device</i>	The version of iOS on your device is not up to date	Update the operating system on your device.
	Your device is not supported.	Avi-cam IP is compatible with iPhone 4S/iPad 2 and newer models (iOS 8)
<i>The app freezes or there are bugs</i>	You experience problems configuring the app or accessing your camera(s).	Please uninstall the app and reset your camera(s) To complete the installation, please now add your camera(s)
<i>Failure to configure your camera using a WiFi network from your smartphone or tablet</i>	Connection to the camera is too slow or the device is too far from the internet hub	Move the camera and smartphone closer to the box/modem/router.
	The smartphone/tablet are linked to an incompatible WiFi network	Please ensure that your smartphone/tablet is linked to a 2.4GHz network
<i>Cannot connect to camera over local network</i>	Network/power supply issue	Check your network and electrical connections.
	Network configuration problem	Check your camera's network connection settings. Reset your camera if it is no longer accessible.
<i>Cannot connect to camera over a 3G or 4G Internet link but it works when connected to a local network</i>	Network configuration problem	Check your device settings (box, router, firewall)
	Incorrect video settings	Check the video settings and reduce the quality if necessary
	Your home Internet speed is insufficient to support the connection from your smartphone / tablet	Check that the available bandwidth exceeds 0.5M bits per second (upload and download) in the case of low-quality display; or that it exceeds 2M bits per second in the case of high-quality HD

G - FAQ

Symptoms	Possible causes	Solutions
<i>Poor quality or shaky image</i>	Incorrect video settings	Check the video settings and reduce/increase the quality if necessary
<i>Movement detection is triggered unnecessarily</i>	Unsuitable movement detection settings	Reduce the sensitivity of detection.
<i>When movement is detected, no Push alert is received.</i>	Unsuitable movement detection settings	Please check the configuration of the camera, the enabled alerts and the motion sensitivity.
	The application is not authorised to send a Push alert	Please check your avi-cam IP rights within your iOS application Security and Privacy settings or Android application settings
<i>PUSH Notifications only work when the app is displayed on the Android screen</i>	Avi-cam IP is not allowed to run in the background, or has been completely closed	Relaunch avi-cam IP. Make sure that no other management or power saving application automatically closes the application in the background.
	Your Android device has reached the maximum limit of applications launched simultaneously	Close the applications or increase the limit of simultaneous applications in your device settings.
<i>Pairing issues</i>	The camera is already paired with another user account.	You must log in to the account shown in the error message to delete the camera before you can add it to your new account.
		If the specified account does not belong to you, ask the current owner to remove the camera from the account or add your account as a guest

H - TECHNICAL AND LEGAL INFORMATION

1 - TECHNICAL CHARACTERISTICS

Camera	
Power supply	12V DC/1A
Wireless network interface	WiFi IEEE 802.11 g/n 2.4Ghz WPA/WPA2 compatible
Optical sensor	1/4" CMOS
Minimum luminous intensity	0 lux
Night vision	Automatic (dusk-to-dawn sensor) Range: 25m
Lens	f: 2.8mm
Viewing angle	Diagonal: 110° Horizontal: 91° Vertical: 48°
Buttons	WiFi setting reset button
Video compression	H.264
Resolution	1280x720 pixels
Bit rate	Fluid = 50KB/s (~2GB/day) LD = 100KB/s (~3GB/day) HD = 200KB/s (~6GB/day)
Audio	No
Storage	1 micro SD card slot, up to 64 GB memory for storing video via remote access
Operating temperature and humidity	-10°C to 50°C, 20% to 85% RH, non-condensing
Storage temperature and humidity	-20°C to 60°C, 0% to 90% RH, non-condensing
Dimensions	without antenna: 65mm x 65mm x 195mm with antenna: 65mm x 130mm x 195mm
Weight	with antenna: 340g
Maximum transmitting power	108.11g: 80mW; 108.11n: 70mW

2 - WARRANTY

- This product is under warranty for parts and labour for 2 years from the date of purchase. Proof of purchase must be retained for the duration of the warranty period.

The warranty does not cover damage caused by negligence, knocks or accidents.

The warranty will be void if the device is tampered with.

3 - HELP AND SUGGESTIONS

- If, despite the care we have taken in designing our products and drafting these instructions, you do encounter difficulties when installing your product or you have any questions, we

recommend you contact one of our specialists who will be glad to help.

- If you encounter operating problems during the installation or a few days afterwards, it is essential that you are in front of your installation when contacting us, so that one of our technicians can diagnose the source of the problem, as it will probably be the result of a setting that is incorrect or an installation that is not to specification. If the problem is caused by the product itself, the technician will give you an RMA number so that you can return the unit to the shop. Without this RMA number, the shop may refuse to exchange the product.

H - TECHNICAL AND LEGAL INFORMATION

Contact our after sales service team technicians:

0 892 701 369

Service 0,35 € / min
+ prix appel

**Monday to Friday, 9AM to 12PM and 2PM to 6PM
CET.**

4 - PRODUCT RETURNS - AFTER SALES SERVICE

If, despite the care we have taken in designing and manufacturing your product, it needs to be returned to our customer service centre, you can check the progress of the work on our website at the following address: <http://sav.avidsen.com>

Smarthome France undertakes to keep a stock of spare parts for this product throughout the contractual warranty period.

5 - DECLARATION OF CONFORMITY

Per the RED directive

Smarthome France hereby declares that the equipment designated below:

720P outdoor WiFi IP camera 123881

Complies with the RED directive and its conformity has been assessed pursuant to the applicable standards in force:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011
+A2:2013

EN 62311:2008

EN 301 489-1 V2.1.1 (2017-02)

EN 301 489-17 V3.1.1 (2017-02)

EN 300 328 V2.1.1 (2016-11)

Tours, 16/01/2019

Alexandre Chaverot, CEO



