USER MANUAL

10:35

Camera

Back   Live View

Online

640x480

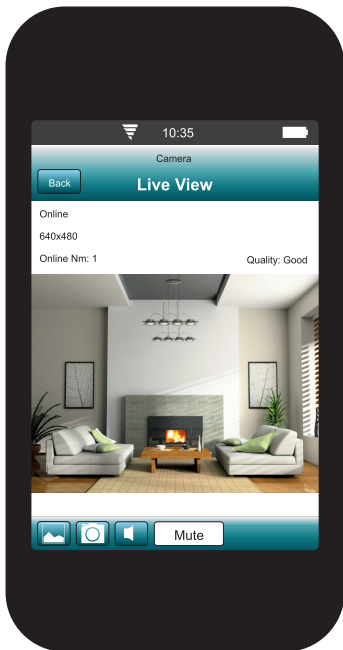Online Nm: 1   Quality: Good

Mute

iOS

DVC-150IPV2
DVC-160IP

Alecto®

1 1. PRODUCT OVERVIEW

This Alecto IP-Camera is a security monitor, suitable for indoor use. The camera can be used for monitoring a corridor or room, or for the observation of babies, small children or pets:

A signal will be sent from the camera through the UTP cable or Wi-Fi signal to your Internet modem. You can watch and listen to the image on the camera using your tablet, smart phone or PC.

You can set up an easy connection with the camera through our Real Plug & Play system using a **UID** (Unique Identification) code. After initially setting up the camera you can also get an internet connection to the camera image using GSM internet or external WiFi.

The sound will be transmitted once this is activated in the software.

It is possible to rotate the camera. The rotation of the camera can be completely remote controlled - whether you use a smart phone or a PC to view the image. The camera is equipped with night lights which clearly lights up objects in the dark that are located within 5 meters of the camera.

If everything is working properly, it is advisable to pick your own password. The default password is not unique and if unchanged others may be able to view using your UID code.

PLEASE NOTE: The app. is designed for controlling multiple types of cameras. There may be features in the app. however which are not supported by this camera
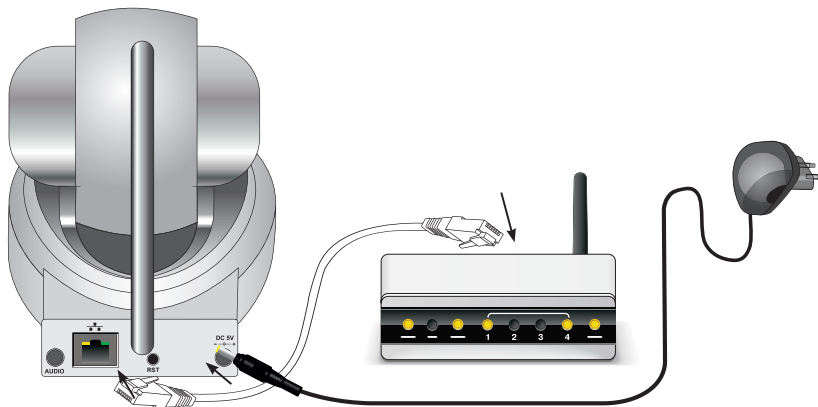.

2   REGISTERING

2.1   CONNECTING THE IP CAMERA TO THE MODEM

1. First connect the IP Camera, using the supplied network cable, to a free port on your internet modem or network router.
2. For Wi-Fi use: for setting up the WiFi see section 4.6. Remove the network cable after entering the WiFi data. The WiFi can only be entered after a stable connection is established with a network cable.
3. Connect the supplied power adapter to the IP Camera and plug it into an electrical outlet. If the modem or network router is connected to the Internet, the camera will search for a connection with the server.

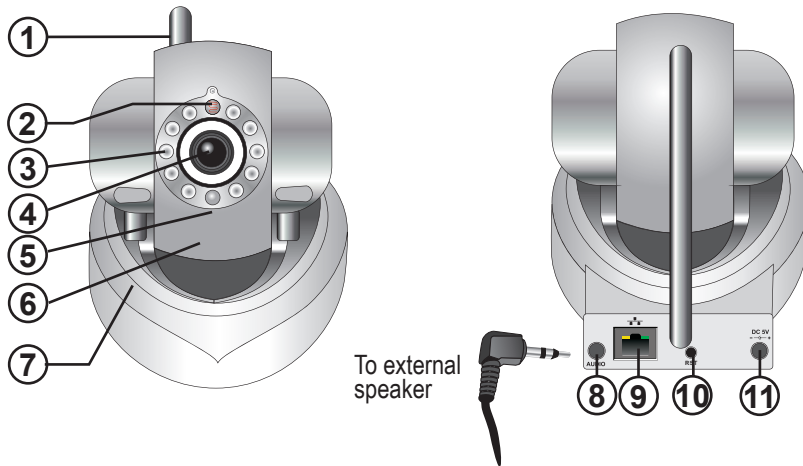The camera will setup, regardless of whether there is an Internet connection or not.

2.2 REGISTER ON AN IOS SMART PHONE OR TABLET .
1. Connect the IP camera, as described in section 2.1
2. Download a QR code scanner (e.g. barcode scanner) from the App store, if you have not done so already.
3. Search the App Store for the free 'Alecto Security' app to download and install.
4. Start the Alecto Security App. (make sure you use the same WiFi network that your camera is connected to).
5. You can activate the camera in three ways through: A. QR-code, B. Network Scan, or C. Manually.
   A. Press the 'QR-code' button so that the QR code scanner (if you have installed the App.) will scan the UID-code located at the back of the camera. Then fill in the password. By default the password is 123456. Then press the 'Save' button.
   B. During the start up of the App. available networks will automatically begin scanning to show the cameras which are present. The cameras found will show up on a list as well as the IP address and the UID code. If one camera is connected to the network, only one UID code with an IP address will be shown. Click on this address. Add the password in the next screen. By default the password is 123456. Then press the 'Save' button.
   C. Press the "Add" button. In the next screen, you can give a name for the camera. Enter the correct UID code at the UID box. The UID code is located at the back of the camera. Then fill in the correct password under the password section. By default the password is 123456. Then press the 'Save' button.
6. The password can and SHOULD be changed later to your own password. Failure to do this is a security risk as third parties may gain access to your images (see section 4.6).
7. Under "Name" change the name of the camera to your own chosen name.
8. Contact has now been made with the camera. Under the word 'camera' is the word 'connect'. When there is an established connection, the word 'connect' will change to 'online'. There will now be an established connection with the camera. Press on the name of the camera in order to view the live image.
9. Should you receive an 'Unknown Device' or 'Offline' notification press ⊘ the 'Connect' button in order to re-connect. Then press the 'Back' button.

3   OVERVIEW OF IP CAMERA

To external speaker

1   Antenna
2. Light intensity eye, to enable the infrared LEDs
3   Infrared LEDs for illumination in the dark
4   Lens
5   Microphone
6   Rotating Head
7   Outer Casing
8   Loud speaker output for external speaker (3.5mm stereo jack)
9   UTP network connection
10 Reset button
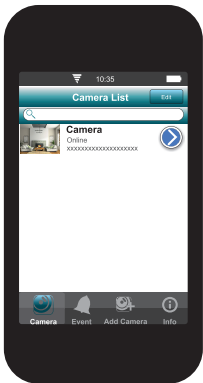11 Adapter connector (5VDC -1500mA pin = +)

4 OPERATION USING THE iOS APP.

We assume that the camera is logged on to the network correctly and that the camera can connect to the internet.

4.1 Starting up the App.
Launch the application Alecto Security. Click on the camera icon Alecto on your smart phone or tablet.

The following screen appears. We call this the start screen.

If the app. has taken live image, a small snapshot picture of the live image will be located on the left side of the camera name. If there has never been a connection with the camera, only an empty box will appear.

If in addition to the snapshot you see the word "Online" then there is a connection with the camera and you can press on the snapshot (   ) to look at the live image of the camera.
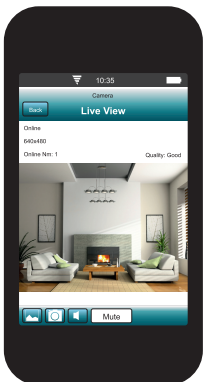
4.2 View Live Image.
Information about the app. will be shown above the image when viewing the live image on a smart phone.
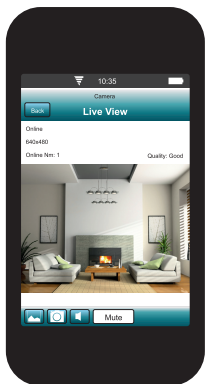Online: indicates that you are connected to the camera.
640x480: screen resolution
User (s): 1 This is the number of devices (smart phones or tablets) that are currently active and connected to the camera.
Quality: The image quality of the input image signal (for example Good).

By swiping the image on the screen the head of the camera can be moved.

4.3   Operating the Live View.

Smartphone:

There are two icons for snapshot (snapshot) located under the image.

Press the ⬜ button to take a snapshot of the image. The text "Picture saved" will appear in the image.

Press the ◣◣ key to view all the photos in the photo album.

Press on a small picture in order to enlarge it.   Above the screen on the right is an icon for the following functions: Delete Photo, email the photo or save the photo (in the iOS photo album).

To delete the pictures press the 'Edit' button on the photo overview screen. Select the photos you want to delete and press the 'Delete' key. Press the 'Done' button once you have deleted the photos.

Press on the 'Back' button to return back to the live image.

Send sound.

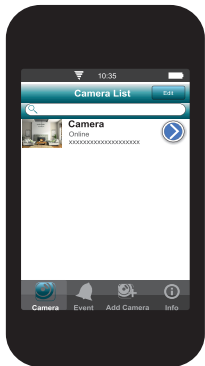All the sounds will be muted at the start up.

Press the ◀ button to open the popup window.

You can now choose from the following items:

Mute:	No sound
Listen:	Listening area of the Camera
Speak:	Talking to the area where the camera is located

Before speaking to the camera the external speaker must be connected. The speaker can be connected to the 3.5mm stereo jack plug on the camera.

Press the 'Dismiss' button to go back to the start screen.

4.4   Additional controls in the start up screen

On the right upper side of the screen is the 'Edit' button. This button can be used to remove registered cameras. After pressing the 'Edit' button click on the red icon for the camera image to delete the cameras you want. Then press the 'Delete' key to remove the corresponding camera
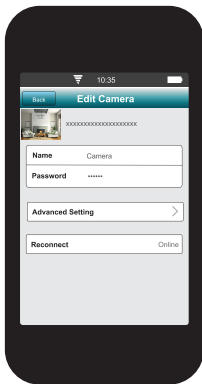
On the bottom of the screen are buttons which allow you get to different functions quickly:

◉ : Go to the start screen (see section 4.1).

🔔 : Go to the (alarm) video recording (not supported by this camera).

📷 : Go to add new or additional camera (see section 2.2).

ⓘ : Give information about the Alecto Security application (see section 4.6).

4.5   Additional settings and functions.
Press the ⊘ button to go to the additional settings and functions.
The following screen will appear.

Name: The name of the camera can be changed here.
Password: The password can be changed here if entered incorrectly.
Advanced Setting: Press here for the advanced settings.
Reconnect: Re-connect the smart phone with the camera.

4.6   Advanced Setting.
Press the Advanced Setup button to go to advanced settings.
The following screen will appear.

Password
Change the default password to a personal password.
First enter the old password.
Then enter a new personal password.
Repeat the new personal password again.

The camera will now start up again.
After 2 minutes press the "connect" button to re-
connect. Any other smart phones or tablets that were
connected will now lose their connection with the camera. These smart phones
or tablets must re-connected to the camera by using the new password. The
"Camera Settings" can be adjusted from the screen (see section 4.5).

Video quality: You can set the video compression and resolution here. The
following values can be selected: Maximum, Normal, and Minimum. The
standard High and Low have no function.
The highest quality image will be shown at the "Maximum" level. The minimum
image quality will be shown at the "Minimal" level. At the best picture level, an
increased bandwidth is required for a faster connection. For a minimal image
a lower bandwidth with a lower speed of the network should be sufficient. If a
slow connection is used in combination with a too high bandwidth, a shock to
the image may occur causing a slight delay. It is advised to set a lower quality.

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Video Flip: The picture mode can be adjusted here.
You can choose from the following settings: Normal, Vertical Flip, Horizontal Flip (Mirror), Vertical and Horizontal Flip.
Normal: Displays a normal picture.
Upside down: The image will be turned to 180 °. If the camera is turned upside down for example.
Mirror image: The picture will be shown as a mirror image
Upside down & mirror image: The image displayed is mirrored and rotated 180 °.

Environment Mode: : Image settings depending on the brightness of the surroundings. There is a choice of either Inside mode (50Hz), Inside mode (60Hz), Outside or Night mode. Use the indoor mode (50Hz) when there is bright light and Night mode in low or no light.

Time Zone:
Set the time zone according to where you are located. The time is used when the recordings of the image are made. Making a recording is only possible through a PC. The time is set to GMT time. The Netherlands, for example, is in the winter time zone +1 and in the summer time zone +2.

Sound detection.
You can set the level of sound here for when an alarm is to be sent. The following available sound levels are: Maximum, High, Medium, Low and Off. Take Note. The alarm sound will not affect the sound of the volume when watching the live view. The volume level must be set on your smart phone or tablet.

Trigger Duration: Set the length of time for the level of sound when an alarm message is sent. It can be adjusted from between 1 to 5 seconds.

Motion detection: Set the level sensitivity of motion detection. The choices are: Off, Low, Medium, High and Maximum.
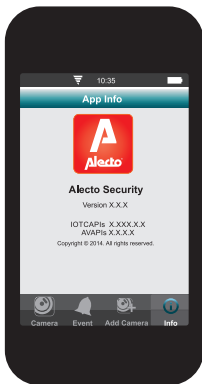
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WiFi.
You can connect the camera to your WiFi network from this screen.
If the camera is logged on to a WiFi network then the network name will be shown at the SSID: The name of the network will be shown here.
The WiFi router or modem must be set so that the SSID name will be displayed.
Press the "Manage WiFi Networks" button.
Choose the correct Wi-Fi network. Then enter the correct password immediately
Press on the "Connect" button.
Press the "back" button on all the screens. Please allow time for the camera to log onto the WiFi network. Once the camera is connected to the network, go to the Advanced Setup screen. Now verify if the SSID name of your WiFi network is displayed on the Wi-Fi list. If this is the case, then the camera is correctly connected to the WiFi network. The UTP cable can now be removed. The camera can now be placed anywhere as long as it is within range of the WiFi router or modem

Camera information.
In this screen, the information of the camera in use will be shown. You cannot set or change anything here.

4.7   Other functions.
Start from the home screen.
🔔 : Go to the video recording screen. The DVC-150IP/DVC-160IP has no recording capabilities. You cannot record video when using the DVC-150IP/DVC-160IP.

ⓘ : Information is given on the Alecto Security app.

5   TIPS AND WARNINGS

5.1   ALGEMEEN
- Read the manual carefully and follow up all the instructions.
- Do not place or use the camera in a wet or damp environment.
- Ensure good heat ventilation and never cover the camera unit and/or the power adapter(s) or place it next to a heat source. The camera and power adapter are both already warm.
- Only use the included power adapter(s); connecting another type of adapter may damage to the electronics.
- Make sure that the adapter cables cannot be damaged and ensure the wires do not lead too stumbling or falling.
- The camera unit and /or power adapter should not be disassembled; this should only be done by qualified personnel.
- The video connection, via public Internet, has been secured as much as can be by today's standards. Nevertheless it can still be hacked, and we assume no responsibility if for some reason it is hacked. We advise you to change the default password immediately, preferably with a combination of letters, numbers and symbols.

5.2   INSTALLATION
- Only connect or disconnect the power adapter when it is disconnected from the electrical wall outlet.
- Do not install the camera during a thunderstorm.
- Do not touch an un-insulated adapter cord unless the adapter is disconnected from the electrical outlet.

5.3   MAINTENANCE
- Clean the camera with a damp cloth, do not use any chemical cleaners. The power adapter should be disconnected before cleaning.

5.4   MALFUNCTION

- If the camera does not show an image or the sound does not work, check the following:
  - Has the camera been connected properly?
  - The correct UID code has been used
  - The correct password has been used
  - Restart the camera by taking it out of the electrical outlet for a short time.
  - Reset the camera by pressing for 10 seconds on the reset button located on the bottom of the camera. The camera will reboot. Repeat the complete settings and operations from the beginning. All the settings will default back to the factory setting
  - Reboot your smart phone
- In dim light, the camera will switch to night mode so that the infrared lighting will start. The image may flash depending on the lightness or darkness in the baby room. Increase or decrease the light to solve this problem.
- If you still have no picture or sound, please contact the service department of Alecto at Tel: +31 (0) 73 6411 355.

5.5   DELAY IN PICTURE AND SOUND

- There could be a delay in the signal caused by the encoding and decoding of the picture and sound. Varying bandwidth over the internet could also change the quality of the image and sound. If necessary, switch the resolution (picture quality) to a lower level.

5.6   DATA USAGE

- If you are using a mobile network, take into account that the data usage may rise significantly while watching the video. When available, it is advisable to rather use a WiFi network.
- Furthermore the battery usage of your smart phone will increase.

5.7   ENVIRONMENT AND DISPOSAL

- The packaging of this camera can partially be put in a paper recycling disposal. We recommend however, that you keep the packaging in case you need it again for transportation purposes.
- Should the camera need to be replaced, please send it to your supplier and they will dispose of it in an environmentally friendly manner.

6 DECLARATION OF CONFORMITY

The Alecto Camera complies with the essential requirements and provisions as defined by the European Directive 1999/5/EC. The declaration of conformity is available on the website WWW. ALECTO.INFO.

7 CAMERA SPECIFICATIONS

Image Sensor	1/4" CMOS sensor
Lens	F3.6mm 2.0
Pan/tilt	Horizontal: 290° - Vertical: 100°
Min Illumination	5 meter IR illumination distance
Video Compression	MJPEG
Resolutions	VGA(640x480) / QVGA(320x240) / QQVGA(160x120)
Audio	Two-way (full duplex) via Microphone and Audio Out on Camera
	Audio Compression: ADPCM
Users	4 simultaneous users
Protocols & Standards	TCP/IP, UDP/IP, DHCP, FTP, SMTP, DDNS, NTP, UPnP, HTTP, P2P
Security	WPA/WPA2-TKIP,WPA-/WPA2-AES,WEP
Maximal Frame Rate	30fps
Code rate	128kbps ~ 5Mbps
Account permissions	Three Levels
Wireless Speed	IEEE802.11b/g/n 150Mbps
Operating Frequency	2.4 GHz
Channel	1~13
Operating Temperature	-10°C to 50°C ambient temperature
Storage Temperature	-40°C to 70°C ambient temperature
Humidity	10 to 90% maximum (non-condensing)
Certifications	CE, FCC

8   GUARANTEE

This IP camera has a 24 months warranty from the date of purchase. We guarantee during this period the free repair of defects caused from the material and workmanship. Some things are kept for assessment of the importer.

WHAT TO DO: If you notice a defect, first consult the manual. If the manual does not give an answer, check the latest version of this manual on the internet. (www.alecto.info or www.hesdo-service.nl) You can also contact the supplier of the camera, or the Alecto customer service at: +31 (0) 73 6411 355.

TERMINATION OF GUARANTEE: For improper use, incorrect connection, faulty installation of firmware, the use of non-original parts or accessories, negligence and damage caused by fire, flood, lightning and natural disasters. For unauthorized modifications and / or repairs by third parties.
For incorrect transporting of the equipment without appropriate packaging and if the device is not accompanied by the guarantee certificate and purchase receipt.

Connection cables and plugs are not covered by the guarantee. Any further liabilities, especially for any consequential damages, are excluded.

Service   Help

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Festnetz 0,14 €/Minute
Handy bis zu 0,42/Minute

CE

V2.1