1

a) Connect the camera to power where it has good WiFi-connectivity.

FULL WIFI CONNECTION
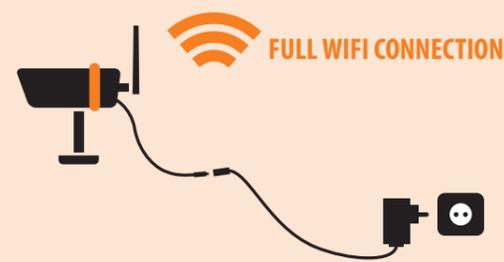
The camera takes 45 seconds to start

b) Download the FarmCam APP from Appstore /Google Play

Available on the **App Store**

ANDROID APP ON **Google play**

FarmCam

2

a) Go to settings of your phone. Connect your phone to the camera WiFi.
Network name is HD followed by 6 characters:
H D - … . . .

Example:

HD-001022 🔒 🛜 ⓘ

b) Enter the WiFi password of the camera:
12345678 and press join.

Enter the password for "HD-001022"

Cancel **Enter Password** Join

Password ●●●●●●●8   **=12345678**
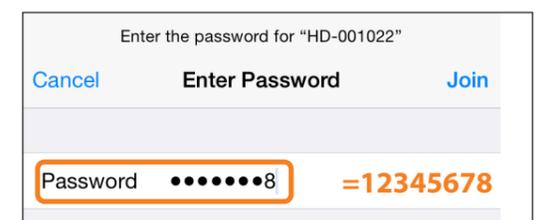
3

a) Open the app:

b) Click OK to allow notifications *(iPhone only)*

c) In the app, press:

d) Press "Search":

Example iPhone:

Security Code:

[   ]

Search   Cancel   OK

Example Android:

Security Code: numbers/english

Search   Cancel   Save
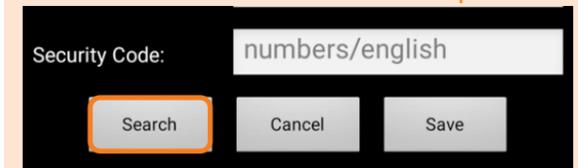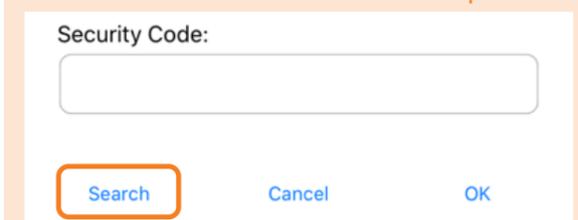
4

a) Choose the found camera

b) Press "Join" to continue *(iPhone only)*.

Example iPhone:

System Name:

DID:

Security Code:

Cancel   Search again   Join

CGLS-004464-BTHTZ

Example Android:

System Name:

DID:

Security Code:

Search   Cancel   Save

Scan DID Label

Search in LAN

CGLS-004464-BTHTZ

Search again   Back
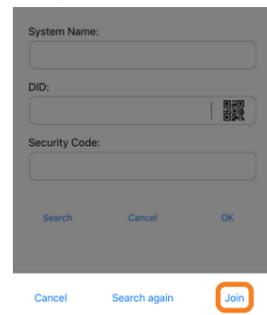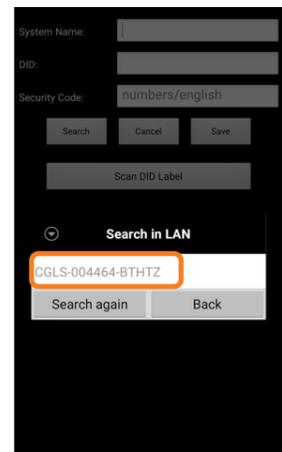
5

a) Choose a "System Name" of your choice.

b) "Security Code" = **123456**

c) Press "OK/Save"

Example iPhone:

System Name:
a My camera
DID:
b 123456
Security Code:
b 123456

Search   Cancel   c OK

Example Android:

System Name: a My camera
DID: CGLS-004464-BTHTZ
Security Code: b 123456

Search   Cancel   Save c

Scan DID Label

!
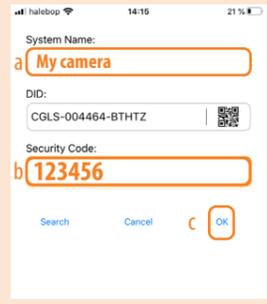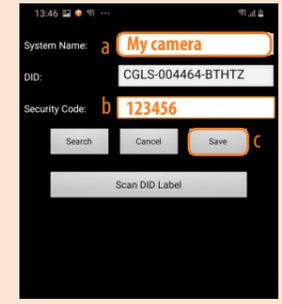
You are now connected to the camera through its own WiFi.
Next step is to connect the camera to the Internet in order to use it wherever you are:

6

a) Choose "Camera Settings":

b) Choose "Settings"

Cows
Connected

7

a) Choose "Advanced"

Example iPhone:

Search   Cancel   OK
Advanced

Example Android:

Search   Cancel   Save
Advanced
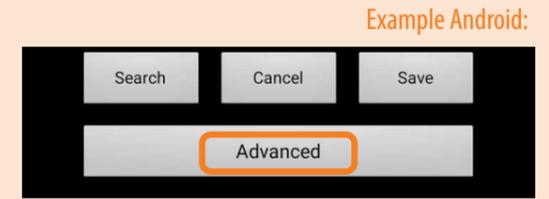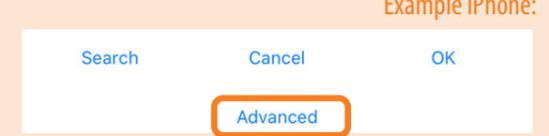
7 b) Admin password = 123456

Verify admin password
●●●●●●6   **= 123456**

7 c) Create your own password. Example: farmcam

Modify admin password
●●●●●●●
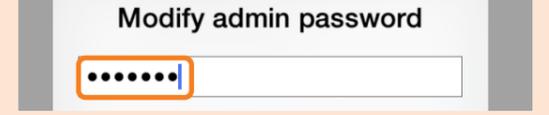
Note down your password:

8

a) Choose "Advanced"
b) Enter the admin password you created in step 7
c) Scroll down and choose WiFi:

Example iPhone:

Back   Advanced Settings
Base Settings
Admin Password
Device Security Code
Time Zone   GMT+01:00
Daylight saving
WiFi   SSID

Example Android:

Advanced Settings
WiFi Setting
SSID: None
Manage WiFi network
Refresh WiFi network
WiFi setting will take effect after leaving adv. setting.
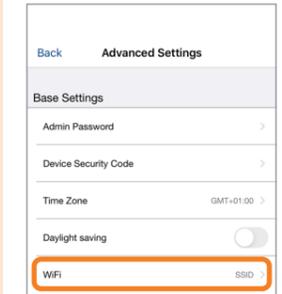
d) Choose **YOUR** WiFi network:
Example: "LUDA24GHZ"

Example iPhone:

Cancel   WiFi
LUDA24GHZ ✓
SEO I
Enter WiFi password
LUDA24GHZ
●●●●●●●●●●
Signal strength: 57%
Security: WPA2 TKIP
NJIE-

Example Android:

Manage WiFi network
LUDA24GHZ
Signal strength: 57%
Security: WPA2 TKIP
Wireless password
Show password.
Cancel   OK

e) Enter **YOUR** WiFi network password

9

a) Allow 90 seconds for your FarmCam IP2 to connect to your network.
This message will show up:

Example iPhone:

Base Settings
Admin P
Device S
Time Zo   GMT+01:00
Daylight saving

Please unplug Ethernet cable, system will reboot for Wifi connection after unplug. System will not switch to Wifi if Ethernet cable plugged on.

Example Android:

My farmCam
Reconnecting in 50 seconds

Don't leave the App during this time period, in orde to not interrupt the installation process!

b) Exit Settings by pressing "OK" (iPhone only)

Search   Cancel   OK
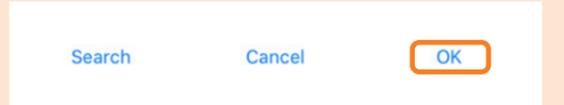
c) Exit "Camera Settings" by choosing:

10

a) Almost there ! Press the camera image:

The 'security code' you are using is the default, please modify your security code to ensure the safety of your video.

OK

b) This message will appear: Press OK

Modify security code
new security code
confirm security code
Confirm

c) Create your own security code and write it again to confirm. Example: farmcam

Note down your security code:

d) Press another time on the camera image to get live view:
YOU ARE DONE!

Register your FarmCam IP2 and get 3 years warranty. Go to:
www.luda.farm/warranty-register

!

ACCESSORIES

To maximize the range it is important to make sure that you have as much free line of sight as possible between the camera and router. For longer distances there are antenna cables and antennas (sold as accessory) which can be mounted on the outside of the wall to achieve maximum range.

9 m Cable with 5 dBi Antenna
Article no. 5040

18 m Cable with 7 dBi Antenna
Article no. 5041

Get your range extending antenna from www.luda.farm

WIFI REPEATER

Many customers ask about different ways to extend the range of their wifi network. We recommend the **TP-LINK WA850RE** which we consider as an easy to use plug-n-play wifi repeater that can be found in most stores carrying electronics.

Please note this is a third party product not sold by Luda.Farm

INCLUDED IN THE BOX

Camera (art. no. 1075)

Camera stand (art. no. 7009)

Camera antenna 3 dBi (art. no. 321ANT)

Power adapter (art. no. 6044)

Micro USB to RJ45/Ethernet (art. no. 5028)

Female to female RJ45 (art. no. 5029)

Installation kit for the camera stand

TECHNICAL SPECIFICATION

System type: 2.4 GHz wireless transmitter

Camera Art. no. 1075

Operating frequency:	2400-2483.5 MHz
Operating temperature:	−20℃ +50℃
Antenna:	3 dBi dipole
IP classification:	IP66
Minimum illumination:	1-8 lux
Night vision range:	8-10 meters
Angle of view:	85° horizontal, 45° vertical
Image resolution:	1920x1080p
Recording frame rate:	up to 30 fps
Local storage:	micro SD card max 128Gb (not included)
Power supply adapter:	100-240 V
Power to camera:	5V DC 1,5A

positive polarity

Network and supported devices:

iOS:	iPhone 4S / iPad Mini / iPad 2 with iOS 7.0 or above
Android:	Android 4.4X or above
Hardware processor:	1,5 GHz dual core or above
Hardware internal memory:	1 GB or above
Screen:	960 x 540 pixels or above
Simultaneous viewers:	3 concurrent sessions
Wireless specification:	IEEE 802.11 b/g/n
Security:	WPA/WPA2/WPA2-PSK (TKIP, 128 bit AES)

MY.LUDA.FARM
COMPATIBLE

Get a notification if your camera loses its power or internet connection

See multiple cameras live at the same time

Activate/de-activate motion detection when it suits you

Switch power on/off when your camera detects motion
*(Remotely controlled power switch (GSM), sold as accessory)*
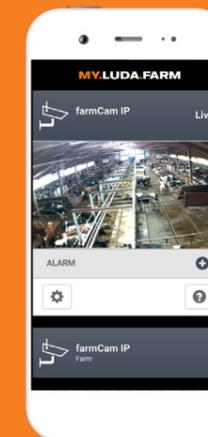
Get going with My.Luda.Farm:

COMPUTER:
Go to http://my.luda.farm

SMARTPHONE:
Go to Appstore/Google Play and download the app "My.Luda.Farm"

1. Create a free account and follow the instructions to create "your farm"
2. Click on + and choose FarmCam IP2
3. Choose Add and enter your camera details
4. Click on your camera and wait about 10 seconds for the video to start.

For optimal viewing experience please make sure that your camera network has a minimum of 1,5Mbit/s upload speed (free test at http://www.netmeter.eu)

TROUBLESHOOTING

1. Is the red LED on the camera lit?

Yes / No

↓ (No) Check the camera power cable and plug
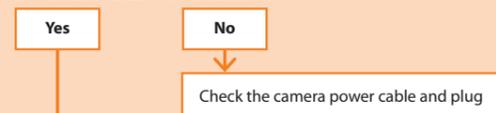
2. Is the green LED on the camera lit?

Solid / Flashing / No

- **Solid:** Camera and router are connected by cable → Disconnect the cable and wait for green flashing led and follow the installation guide
- **Flashing:** The camera is in hotspot mode → Go to Wi-Fi settings in the phone and connect to camera Wi-Fi network (HD-xxxxxx) and follow the installation guide
- **No:** No communication. Wait 1 minute and check again. Still no light? Power cycle the camera, if this does not help, reset the camera. → Press the button on the power cord until the red LED starts flashing. Allow the camera to boot for about one minute. Start over with the installation.

3. **Check that the router has an internet connection.**
4. **Check that your phone has an internet connection.**
5. **The camera doesn't work wirelessly**
   Reconnect the cable and make sure the SSID and password is correct. Note that no confirmation is given.

6. **The camera will not connect**
   Pull out the power plug and put it back in, wait for 2 minutes and try to connect again.

7. **I have forgotten my camera password**
   Reset the camera by pressing and holding the button on the cable for 5-10 seconds. Note that the camera has to be connected to the WiFi network once more.

8. **The camera is disconnected**
   Press reconnect and wait for the camera to go online

9. **My WiFi network is bad**
   Please visit https://luda.farm/support/how-to-install-my-wireless-camera/ for more in depth advice on how to get the best WiFi signal.

10. **How do I test the performance of my wi-fi with my smart phone?**
    Android: Wifi Analyzer
    Appstore: Speedsmart Speed Test WiFi & Mobile Network Test

11. **I cannot use the camera wirelessly**
    Use the provided cable and female-female connector. Connect using your own internet cable connected to your router

12. **The image is black and white**
    Use more lights in the camera area as the IR light of the camera is activated in dark conditions, which makes the image black and white.

13. **Further questions?**
    You are always welcome to visit our website www.luda.farm or contact your local sales representative.

Complete installation manual?
http://support.luda.farm

FAQ

1. **Can anyone see my camera?**
   No, they would have to be logged on to your network, or have the DID and password of your camera.

2. **Why are there symbols of a cog wheel, a garbage can and a list over my image?**
   You have entered the settings menu. Click the settings button (second from the left at the bottom) to toggle the settings menu on and off.

3. **The image is frozen when I'm in the main window.**
   Yes, the image is only updated when you select the camera. Click on the picture and you will get live video.

4. **Can I connect several cameras to my phone?**
   Yes, just add another camera by pressing the leftmost button in the main window.

5. **Is the signal from the camera encrypted?**
   Yes.

6. **Is the camera water resistant?**
   Yes, it is IP66 classed which means it is well protected and can be placed outside and even washed off with a hose.

7. **Can I hear sound from the camera?**
   Yes, just press the speaker symbol (second from the left) when in live video mode.

8. **Can I save pictures from the camera to my phone?**
   Yes, just press the picture camera symbol (leftmost) when in live video mode.

9. **Can I record a video from the camera to my phone?**
   No, but you can record a video to the camera's SD card, provided you have one installed. Press the red recording button (third from the left) when in live video mode.

10. **Further questions?**
    You are always welcome to visit our website www.luda.farm or contact your local sales representative.

- Watch camera feeds from your **FarmCam IP2**
- Monitor your diesel tanks with the **Luda.Diesel** sensor and stop theft and unauthorized use
- Turn your electrical equipment on/off with the **Luda.SmartPlug** and receive warnings based on power or temperature

- Monitor your fences and receive alarms when there is a failure or the grass needs cutting with **Luda.Fence**
- Monitor your diesel consumption, power consumption, climate conditions, and fence voltage in simple graphs and through monthly reports.

Go to www.my.luda.farm and create an account.