TECHNICAL SPECIFICATION

System Type: *2.4 GHz wireless transmitter/receiver*

Operating frequency:	2412-2467 MHz
Operating temperature:	–20°C – +70°C
Time delay:	200 ms
Transmitting distance:	300 m

Camera *art.no 1104*

Power supply:	10–32 VDC
Power consumption:	Day 240/Night 390 mA @12 V
Antenna:	3 dBi
Output power:	18 dBm
Effective pixels:	1280 x 720p
Camera angle:	110°
Cable length:	3 meters
IR functionality:	Yes
Night vision:	10 m
IP classification:	IP69K

Monitor *art.no 1107*

Power supply:	10–32 VCD
Power consumption:	max 8 W
Antenna:	5 dBi
LCD size:	7”
Resolution:	1024 x 3(RGB) x 600
Aspect ratio:	16:9
Brightness:	500cd/m2
System format:	PAL / NTSC
Channel:	4 channels
Recording:	Yes (Max 128 GB micro-SD)
IP classification:	IP30

LUDA FARM

Luda.Farm, Krokslätts Fabriker 30, 431 37 Mölndal/Sweden

202011

TROUBLESHOOTING

There is no picture on the monitor at all (black).

1. Make sure the machine engine is running to provide power to the outlet.
2. Make sure the monitor is turned on by pressing the yellow circular button for 1 sec.
3. If you are using the alternative power connection, make sure the installation is correct and supplying power.

There is no picture on the monitor (No Signal).

1. Make sure the antennas are properly fastened on both the monitor and the camera.
2. Loop through the channels to find the channel the camera is transmitting on. Use the yellow arrow buttons.
3. Make sure the camera receives power from its power source. Check that the joints are put together and that the power cable is not broken or pinched.
4. Try to move the camera to see if you can get better signal reception.
5. Try to pair the camera with the monitor again (see the Extra Camera page).

The frame rate is low.

Try to move the camera to see if you can get better signal reception.

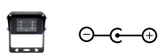
The picture is black and white.

In dark conditions, the IR LEDs will automatically switch on, resulting in pale colors. With very limited lighting, the picture will become completely black & white.

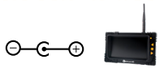
FAQ

1. **Why does the frame rate sometimes drop when I am driving?**
   The transmission of data increase when the image change, which can result in lower frame rate.
2. **Is the camera water resistant?**
   Yes, the camera is IP69K classed. This means that it is well protected from dust and humidity. The camera can be placed outside exposed to the weather and it can be cleaned using a preassure washer.
3. **Will the camera be damaged at low temperatures (well below -20°C)?**
   No, at extremely low temperatures the camera might turn off. However, when the temperature rises again the camera will regain its functionality.
4. **How to avoid disturbances from/to other wireless devices?**
   Keep the antennas of the monitor and camera parallel to each other and avoid placing them too close to other wireless devices.
5. **Can I add extra cameras?**
   Yes, you can connect up to 4 cameras connected to a monitor. Switch to a channel, enter the menu and choose PAIRING, then press OK.
   See the “Add Extra Camera” page.

INCLUDED IN THE LIFTCAM HD BOX



Camera (art. no. 1104)



Monitor (art. no. 1107)

3 dBi camera antenna (art. no. 5025)

Monitor sun shield (art. no. 7023)

Camera power cable (art. no. 6043)

5 dBi monitor antenna (art. no. 5026)

Camera bracket (art. no. 7032)

Fan shaped stand (art. no. 7022)

PowerBank (art. no. 1064)

Monitor direct power cable (art. no. 6042)

liftCam HD

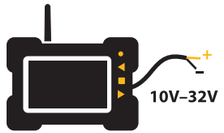
QUICK GUIDE

For more detailed information
www.support.luda.farm

INSTALLATION

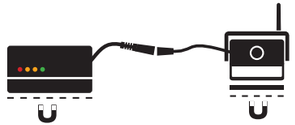
MONITOR

A Connect to 10V–32V



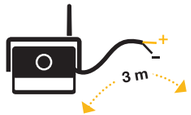
CAMERA

A Connect to the PowerBank for a more flexible use.



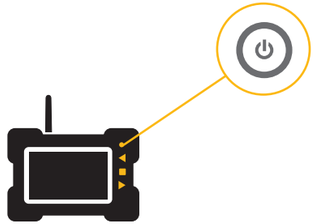
OR

B Connect the camera to 10V–32V

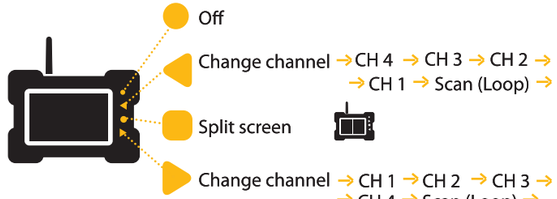


OPERATION

POWER ON

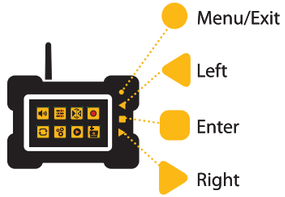


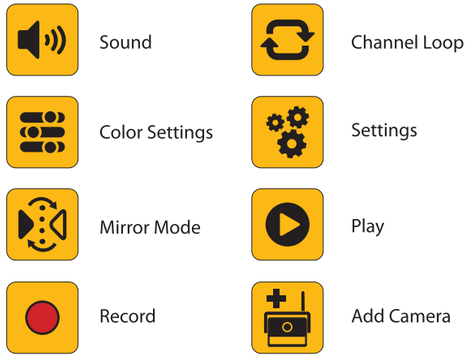
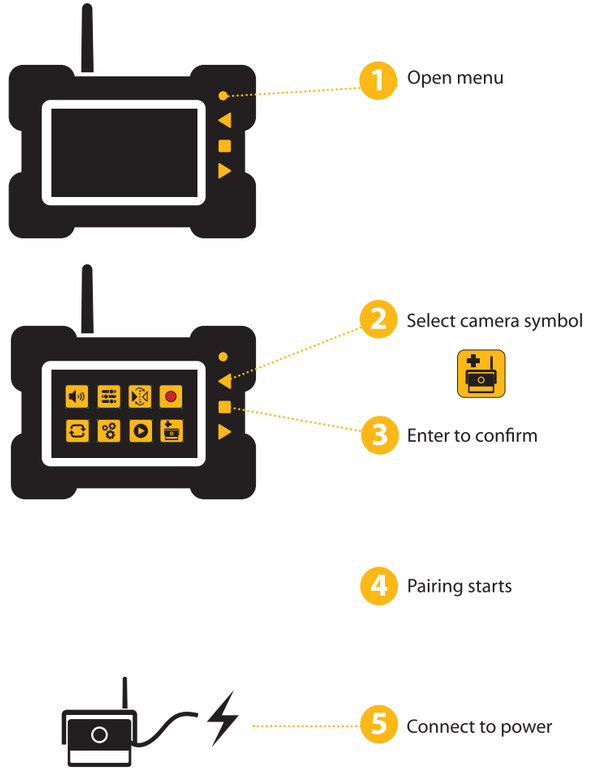
FUNCTIONS



OPERATION

MENU OPTIONS





ADD EXTRA CAMERA