

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. 1098

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. 1108

Power supply: 10–32 VDC
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

Luda.farm QIG_machineCamHD_2021-10-18

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 connected to the power outlet. The red LED on the lighter socket adapter should be lit.
3. Make sure the other end of the lighter socket cable is connected to the monitor.
4. Make sure the monitor is turned on by pressing the orange circular button for 2 s.
5. 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(s).
2. Loop through the channels to find the channel the camera is transmitting on. Use the orange 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. Pair the camera with the monitor again (see the Add 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.

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.

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 pressure 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. Can I use more than one monitor with the same camera?

No, that is not possible.

5. Can I add extra cameras?

Yes, you can connect up to 4 cameras to a monitor. Go to section "ADD EXTRA CAMERA" for further instructions.

INCLUDED IN THE MACHINECAM BOX

Camera (art. no. 1098)



3 dBi camera antenna (art. no. 5025)



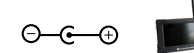
Camera power cable (art. no. 6043)



Suction bracket (art. no. 7020)



Monitor (art. no. 1108)



Monitor sun shield (art. no. 7023)



5 dBi monitor antenna (art. no. 5026)



12V monitor adapter (art. no. 6041)



Monitor direct power cable (art. no. 6042)



machineCam HD

QUICK GUIDE



5
Year
Warranty

Register your product today
and get 5 years warranty.
luda.farm/warranty-register

For more detailed information



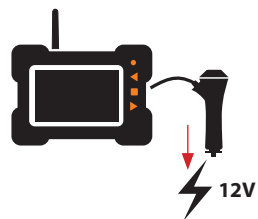
→ support.luda.farm

ENGLISH

INSTALLATION

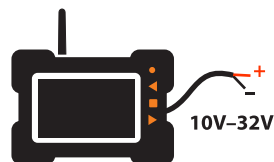
MONITOR

Connect the monitor to a 12V outlet (CIG outlet)



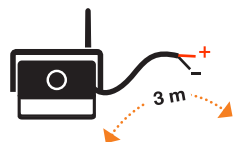
OR

Connect to 10V-32V



CAMERA

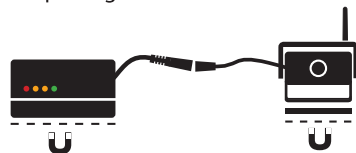
Connect the camera to 10V-32V



OR

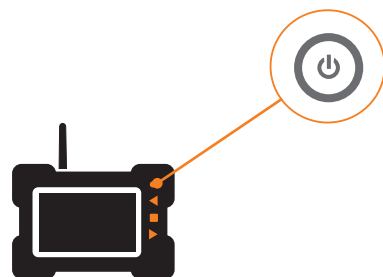
Connect to one of our Powerbanks with magnet for a more flexible use.

Powerbank is an accessory and is not included in the package.

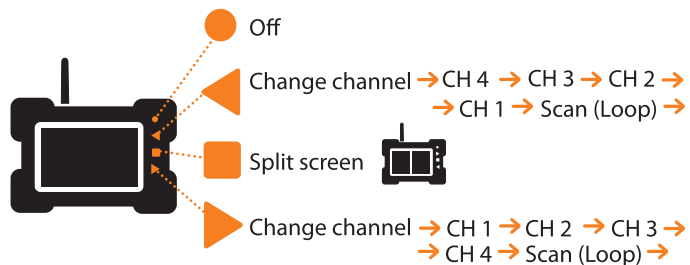


OPERATION

POWER ON

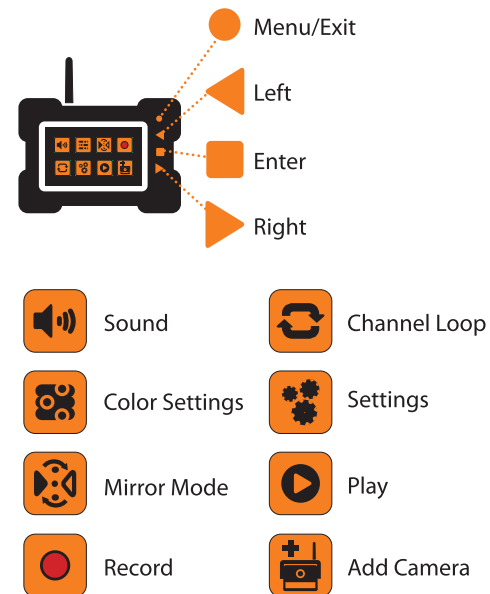


FUNCTIONS

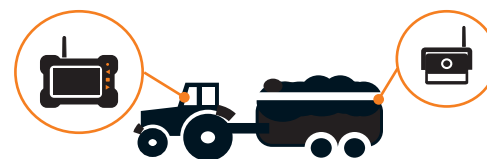


OPERATION

MENU OPTIONS



EXAMPLE OF INSTALLATION



ADD EXTRA CAMERA

