

TECHNICAL SPECIFICATION

System Type: 2.4 GHz wireless transmitter/receiver

Camera (including antenna) Art. No. 1100	
Operating frequency	2400 – 2483.5 MHz
Sensor	Color CMOS
Resolution	720p
Maximum output power	22 dBm
Transmission distance	100 m
Operation temperature	- 20°C to + 70°C
IP classification camera	IP69K
Minimum illumination	0.1 Lux
Night vision range	10 m
Angle of view	110°
Power supply	12 V – 32 VDC
Power consumption	2 W
Size (W x H x D)	10 cm x 8 cm x 9 cm
Weight	397 g

Monitor (including antenna) Art. No. 1097	
Operating frequency	2400 – 2483.5 MHz
Screen type	7" IPS digital panel
Transmission distance	up to 100 m
Latency	100 ms
Frame rate	30f/s
Operation temperature	- 20°C to + 70°C
Brightness	450 cd/m ²
Resolution	1024 x 600
Power supply	6V-32 VDC
Power consumption	2.5 W
Size (W x H x D)	22.5 cm x 14 cm x 6.1 cm
Weight	400 g

PowerBank 8700 Art. No. 1084

Ingress protection	IP69K
Input power	5-16 V
Output voltage	12V/1.2 A (max)
Operation temperature	- 20°C to + 60°C
Battery capacity	8700 mAh, 3.6 V
Battery time for art. no 1100	up to 15 h
Full charging time	4 hours
Size (W x H x D)	100.5 mm x 64.5 mm x 40.7 mm
Weight	400 g
Powerbank charger	220-240 V / 12 V

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FAQ

- 1. Is the signal between the camera and the monitor encrypted?**
Yes.
- 2. How many cameras can connect to the monitor?**
2 cameras.
- 3. Why does the frame rate sometimes drop when I am driving?**
This can occur when camera and monitor are positioned in a bad angle towards each other
- 4. Is the camera water resistant?**
The camera and battery are IP69K classed. This means that the camera and battery are well protected from both dust and humidity. It can be placed outside and can be cleaned with water
- 5. Does the camera have a microphone?**
No.
- 6. I am using the camera for reversing, how do I mirror the image?**
Please see the instructions in the "Operation" section.
- 7. What do I do if the monitor has bad signal reception?**
Move the camera or monitor to a better position, if that does not help, please visit www.support.luda.farm for help/support.
- 8. How does the camera react to minus degrees?**
At very low temperatures the picture might tone into red. At extremely low temperatures the camera might turn off. However, when the temperature gets higher again the camera will regain its functionality.
- 9. How much time is needed to fully charge the PowerBank?**
The battery will be fully charged in about 4 h, using the provided charger.
- 10. The frame rate is low.**
Try to move the camera to see if you can get better signal reception.
- 11. The picture on the monitor 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.

machineCam HD Mobility

QUICK GUIDE



3
Years
Warranty

Register your product today
and get 3 years warranty.
luda.farm/warranty-register

LUDA FARM

www.Luda.Farm, Krokslätts fabriker 30, 43137 Mölndal, Sweden

For more detailed information



→ www.support.luda.farm

ENGLISH

INCLUDED IN THE BOX



Camera
Art. No. 1100



7" Monitor
Art. No. 1097



12V Power Cable
Art. No. 6047



Monitor Holder
Art. No. 7034



Powerbank 8700
Art. No. 1084



Charger for Powerbank
Art. No. 6038

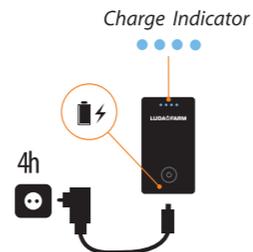


Camera Power Cable
Art. No. 6043

INSTALLATION

POWERBANK

- 1 Charge the Powerbank



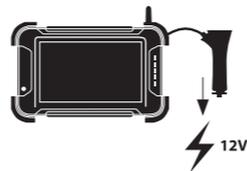
- 2 Connect the Powerbank to the camera



When not in use, turn off to save battery time

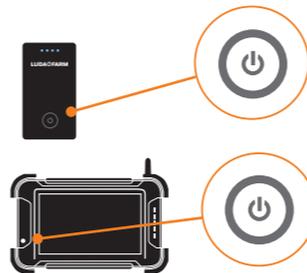
MONITOR

- 1 Connect the monitor to a USB or 12V outlet (CIG outlet)



OPERATION

- 1 Power on



- 2 Change channel with the CH button to the right



Example of installation



Mirror Mode

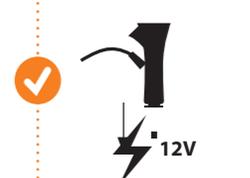
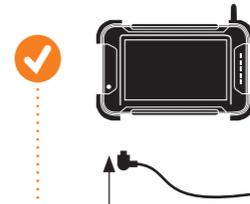


Press the "M/Pair" button several times until you see "Mirror mode".



Press the + button until you see the mirrored image on the monitor.

Black screen



Camera does not work

