Manuals+ — User Manuals Simplified.

Laiatech BHC-110WF Web Camera User Manual

THE AI & IoT CAMERA COMPANY
THE AI B&H PC PRO WIFI
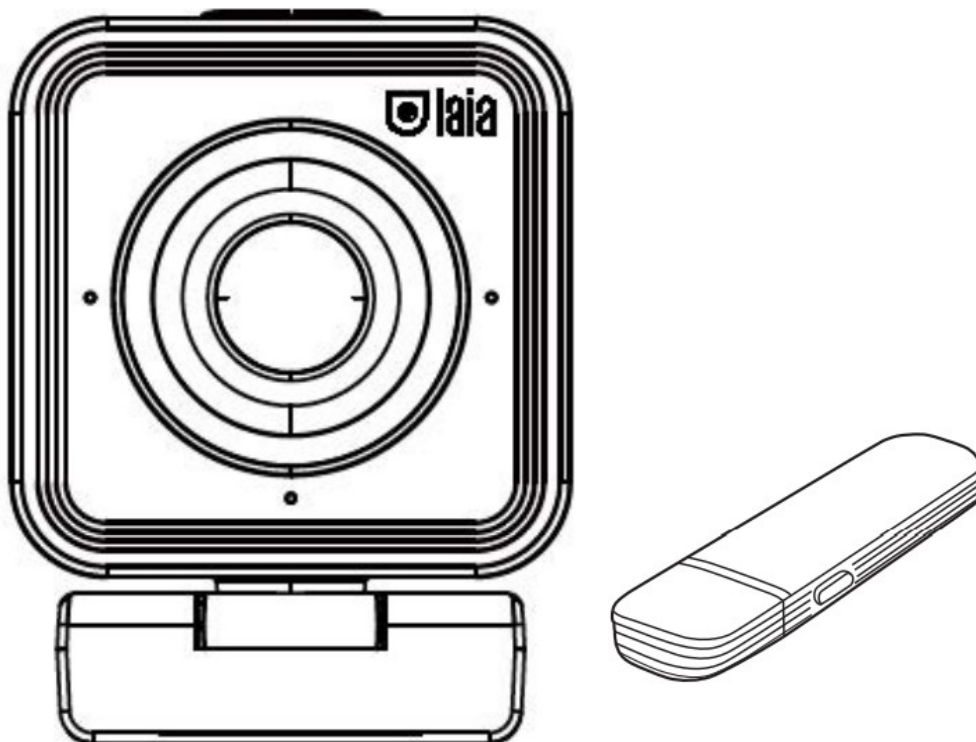
P/N: BHC-110WF

User manual

Contents

Know your product

Lens

Led indicator

Universal mounting clip

(1) Place on desk
(2) Clip on monitor
(3) Attach into tripod.

Microphone

Power ON/OFF button

Pairing button

USB-C Power connection port

Tripod thread

Led indicator

Pairing button
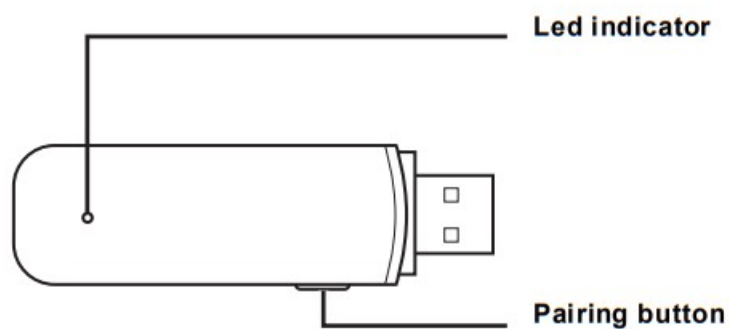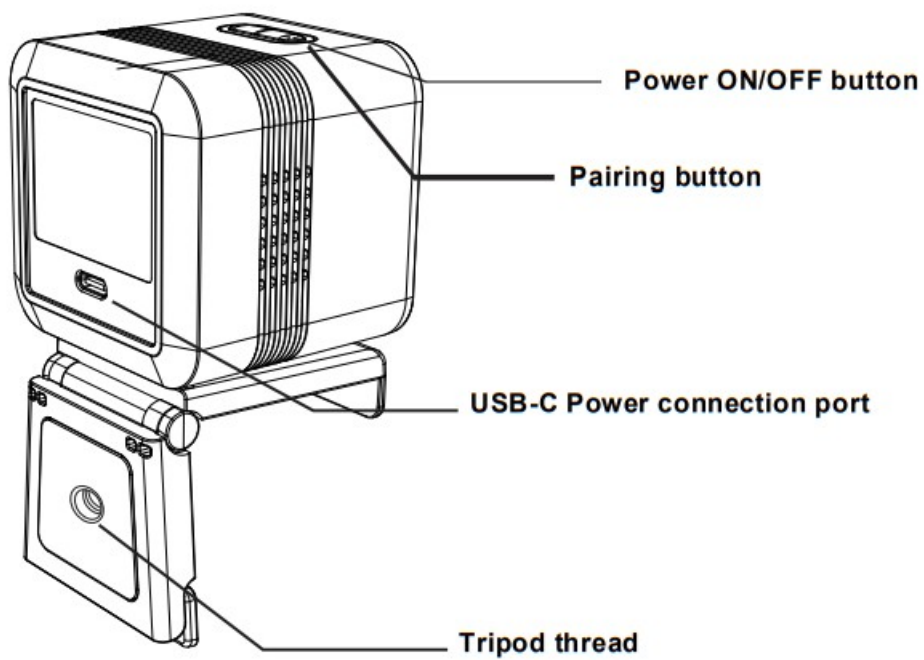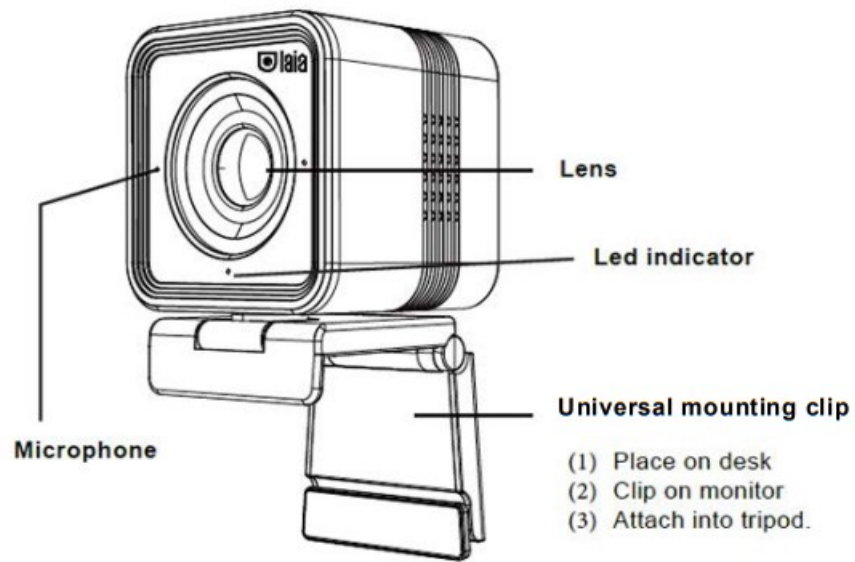
What´s in the box

x1 USB A - USB C 116cm cable

x1 Wireless cam

x1 USB-A dongle receiver

x1 User manual

Product features

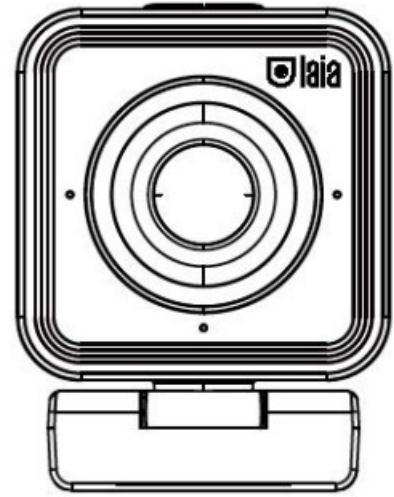Laila PC Pro WiFi is a wireless 2.4 GHz camera that does not requires a cable connection. Powered by its built-in lithium battery offers you more than 3 hours of use with a single charge, but it is also possible to use it while charging through USB-C cable. In addition, its built-in universal mounting clip offers 360° rotation an 110° inclination for quick and easy camera placement and adjustments.

PC Pro WiFi can be used at a maximum distance of about 20 meters in a straight line without obstacles in a proper RF environment. The range of use varies greatly depending on the environment. Support UVC and UAC (2.0 and downward compatible) protocol, so it is not necessary to install any extra drivers. Simply plugin the included USB receiver and it will work automatically.

It is also compatible with the main video conferencing services on the market such as Microsoft Teams, Zoom and Skype. Supporting 1080P Fulda can provide image encoding output of 1080@30fps thanks to its USB 2.0 interface. The field of view offers up to 65.5º degrees horizontally and 73º degrees diagonally, along with the built-in microphone that offers room sound pickup at a 180º angle.

Safety precautions

Product handle

Do not handle any element or touch the product itself with wet hands, and do not allow substances such as liquids and metals to get inside the product as this could cause a short circuit.

Before cleaning the product, it must be completely disconnected from the power supply. To connect and disconnect the cable from the product, hold the connector firmly, without applying excessive force.

As it is an electrical product, if you notice smoke or a strange smell coming from the product, immediately turn off the device and disconnect its power supply.

Transportation and installation

The transportation and installation process must be done carefully to avoid vibrations and impacts that may damage the product or affect its correct operation.
Do not step on or deform the charging cable or place it near a heat source, as it may cause malfunction and risk of short circuit.

Do not disassemble
This product has no user-serviceable parts. Damage caused by the user is not covered under warranty.
* If you use a router or firewall to connect to the Internet, you may not be able to use Internet-based functions such as video chat.

Camera led indications

|	Camera USB receiver		
	Red	Green	Green
Lighting	Charging	Connected	Connected
Slow flash	Low battery	Disconnected	Disconnected
Fast flash		Pairing	Pairing

Setting up

1. Charge Webcam battery: Use an standard USB charger (not supplied) or connect to a USB port of a computer to charge the battery using the supplied USB cable.
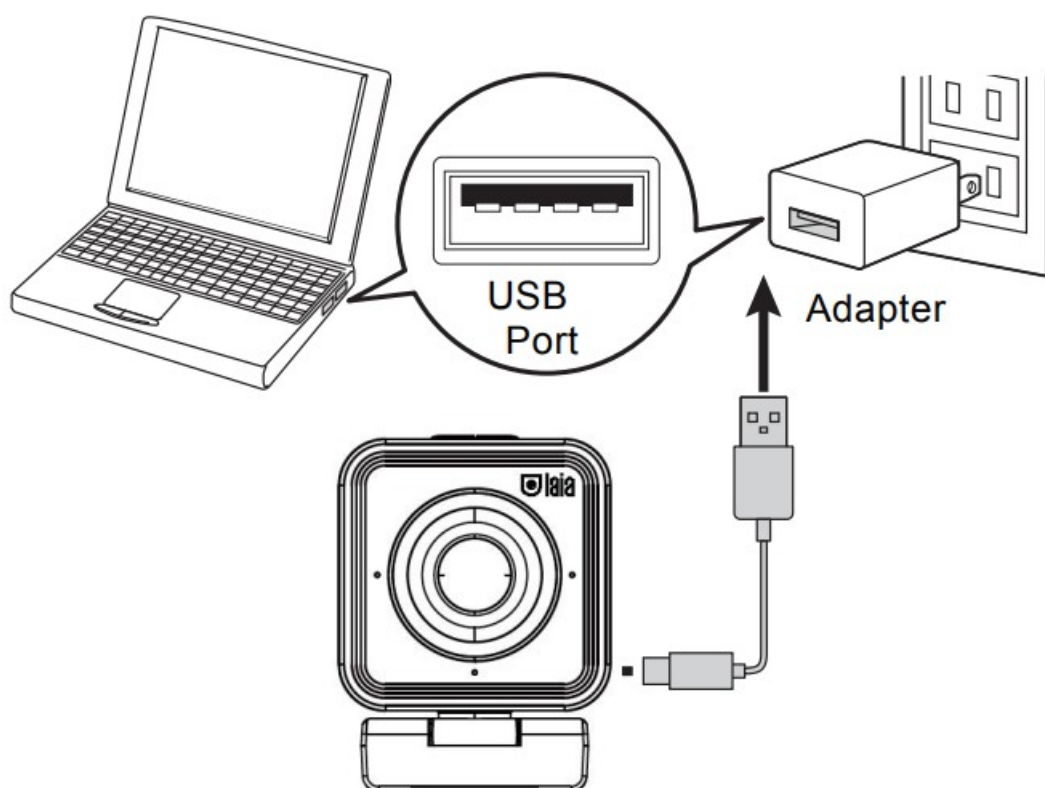
2. Placement:-For placement on a monitor: Place the webcam on a computer, laptop ormonitor at a position or angle desired. Adjust the webcam to make sure the foot on the universal mounting clip is flush with the back of your device. Manually adjust the webcam left/right & up/down to the best position to frame yourself.
    – For placement on a tripod: Locate the ¼ inch tripod thread on the bottom of the universal mounting clip. Secure the webcam on your tripod by twisting it into the ¼ inch thread. Place the webcam with the tripod anywhere you desire to the best position to frame yourself.
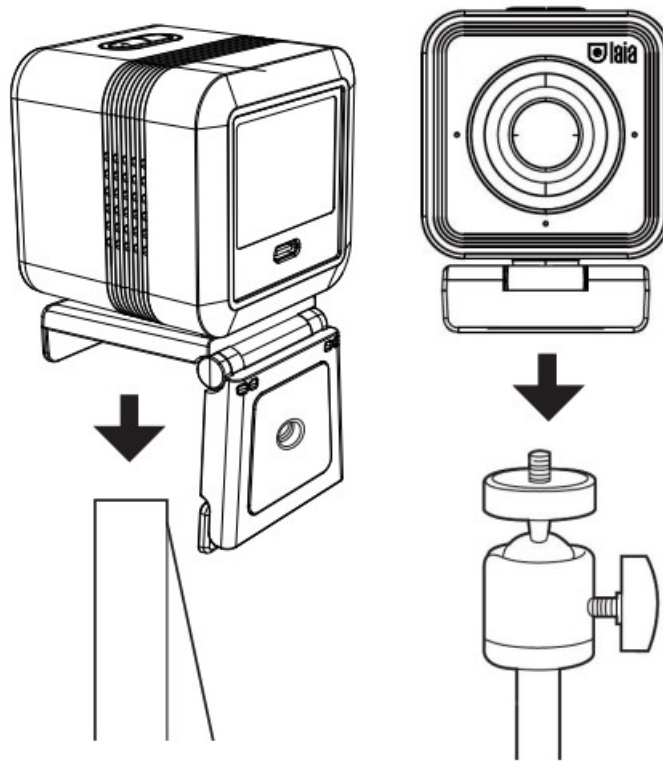
3. Connection and use: Connect USB receiver to your computer and it will start flashing. Then press the On/Off button to turn on the camera and the green led will light up. The device is ready for use.
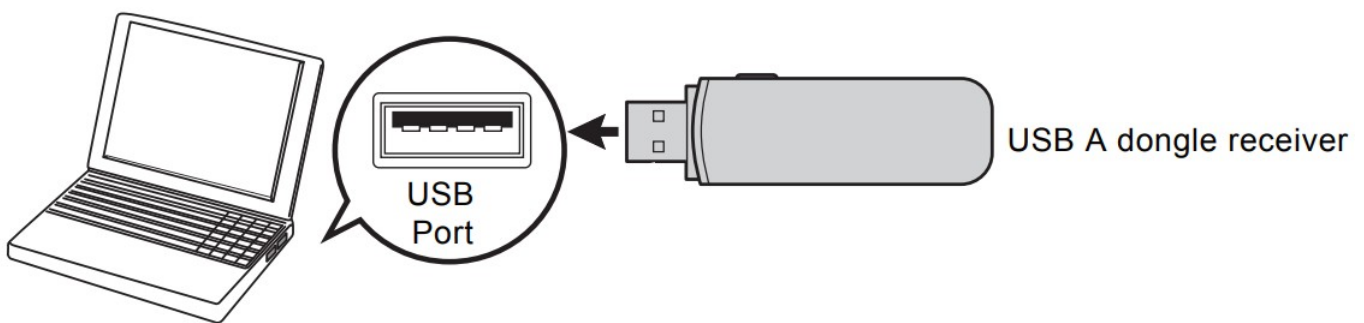
Camera automatic power off function: If you turn off your computer while the camera is on, the camera will automatically turn off.

Cautions:

- Do not stack this product on top of each other or place heavy objects on top of this product as it may cause malfunction.
- Do not install or store the product in a place with high humidity, direct sunlight, high temperature, or dirt and liquid.
- Do not use close to high-power RF devices, such as radio transmitters.

Maintenance tips

Maintenance of camera

- If the camera is not used for a long time, please turn off the power switch after use.
- Use a soft cloth or cotton paper to remove dust from the camera case.

- When cleaning the camera lens, please use a dry soft cloth to clean it and if the dirt is heavy, please use a neutral cleaner gently. Do not use strong or corrosive detergents, to prevent the lens from being scratched and affecting the correct operation and image quality.
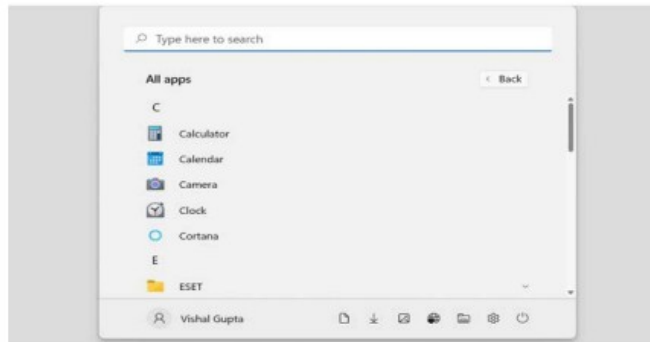
Troubleshooting

How to re-connect?
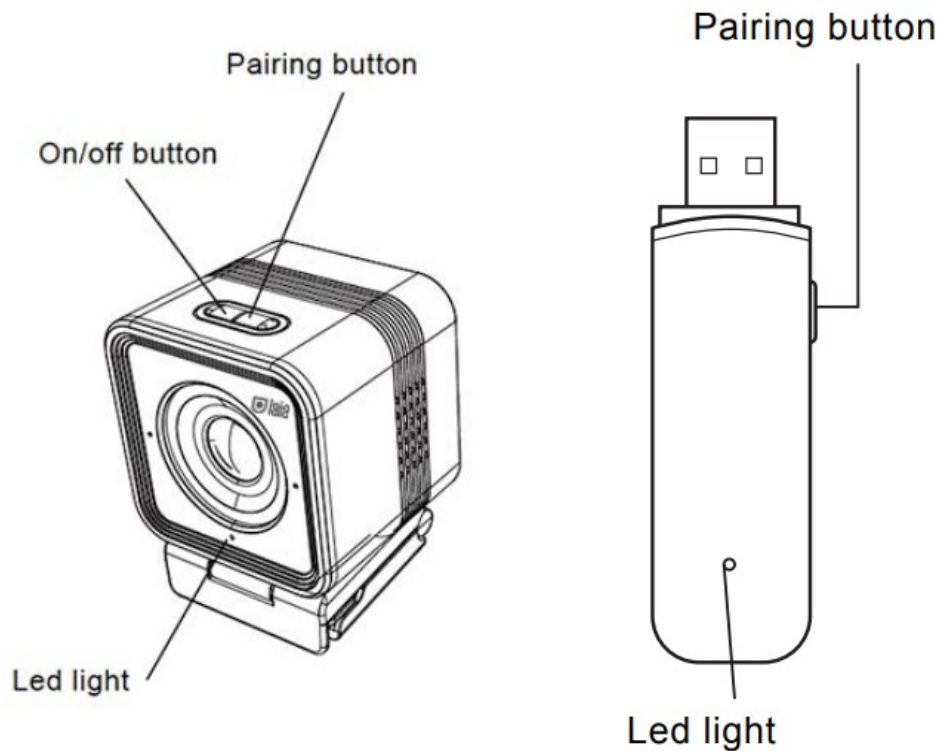
1. Turn on the camera and the green led will start blinking slowly.
2. Press the pairing button on the camera and connect the USB receiver to the computer.
3. After the receiver flashes, press the pairing button.
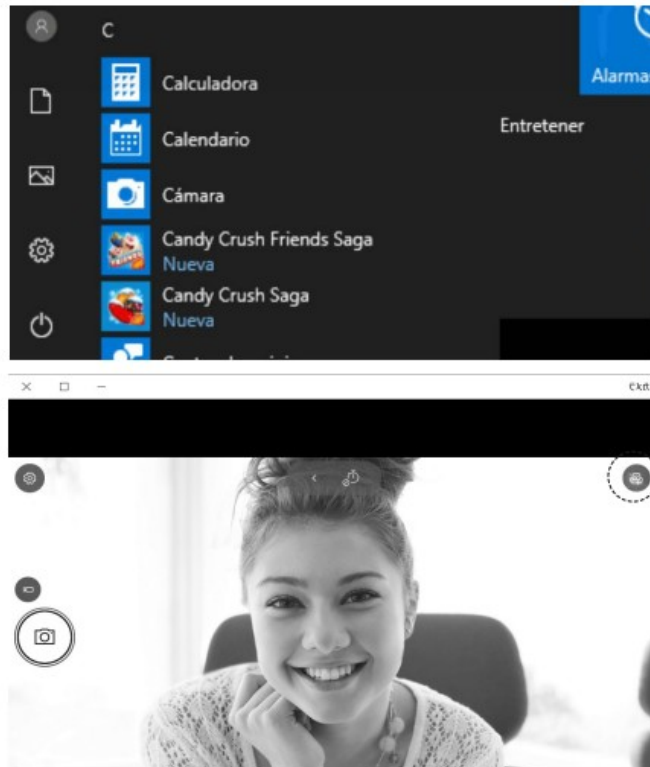4. When both LEDs turn solid green, the connection is complete.

How to check if camera is working correctly?
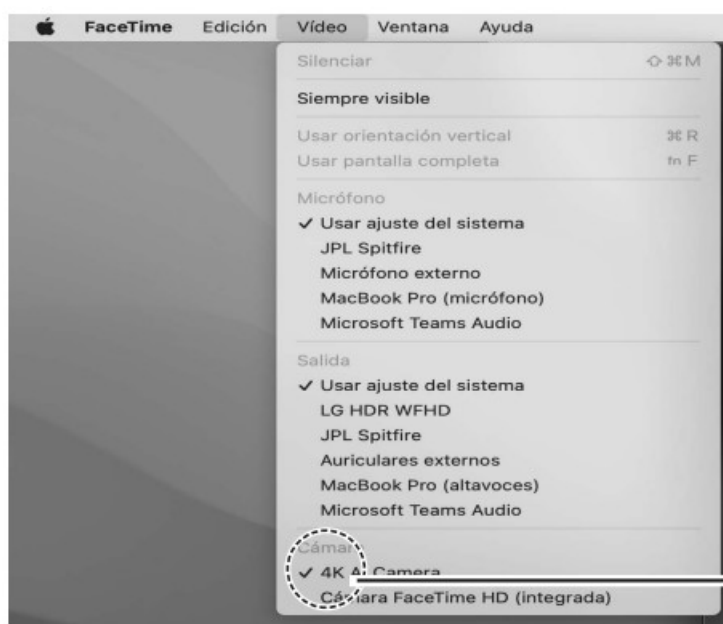
WINDOWS 11

All apps   ‹ Back

C

- Calculator
- Calendar
- Camera
- Clock
- Cortana

E

- ESET

Vishal Gupta

Open App menu and select camera

WINDOWS 10

C

- Calculadora
- Calendario
- Cámara
- Candy Crush Friends Saga — Nueva
- Candy Crush Saga — Nueva

Alarmas

Entretener

Open App menu and select camera

When multiple webcams connected, click "switch camera"

MAC OS

 FaceTime   Edición   Vídeo   Ventana   Ayuda

Silenciar   ⇧⌘M

Siempre visible

Usar orientación vertical   ⌘R
Usar pantalla completa   fn F

Micrófono

✓ Usar ajuste del sistema
   JPL Spitfire
   Micrófono externo
   MacBook Pro (micrófono)
   Microsoft Teams Audio

Salida

✓ Usar ajuste del sistema
   LG HDR WFHD
   JPL Spitfire
   Auriculares externos
   MacBook Pro (altavoces)
   Microsoft Teams Audio

Cámara
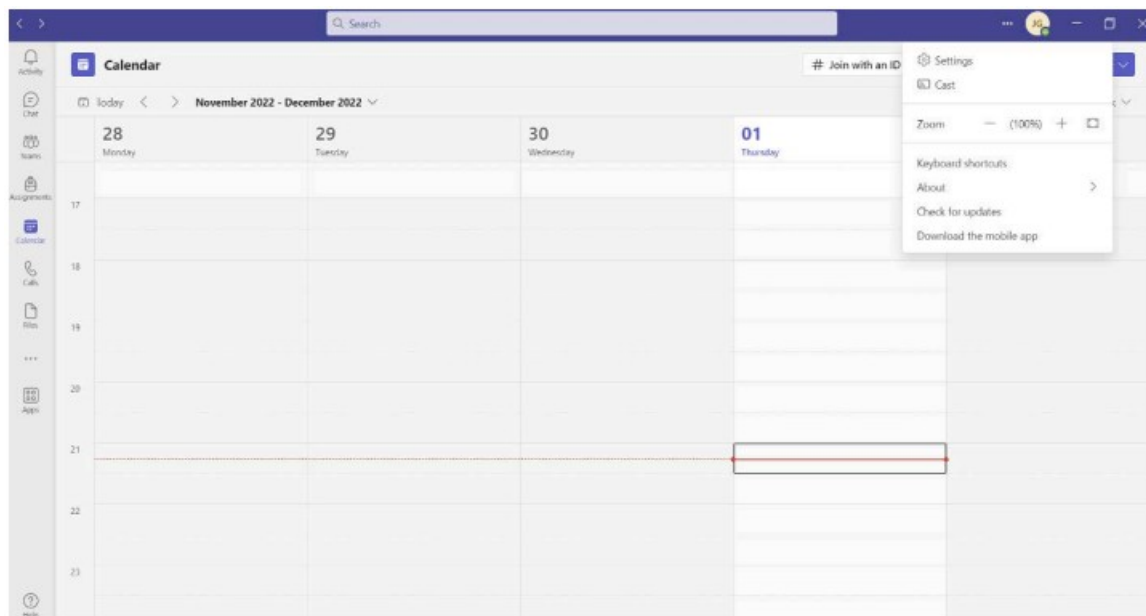
✓ 4K Camera
   Cámara FaceTime HD (integrada)

Open Face Time, select video settings and click on camera name

Tips for Microsoft Teams

Fine-tuning of Laila PC-Pro WiFi with Microsoft Teams.
You have easy access to webcam controls to adjust the basic and advanced settings of your webcam from the Microsoft Teams settings menu.
Click on the dropdown "More actions" near your profile picture at the top of the app, then select Settings

Select Devices and scroll down to the "Camera section" Uncheck "Automatically adjust camera controls" box and click "Open camera settings"
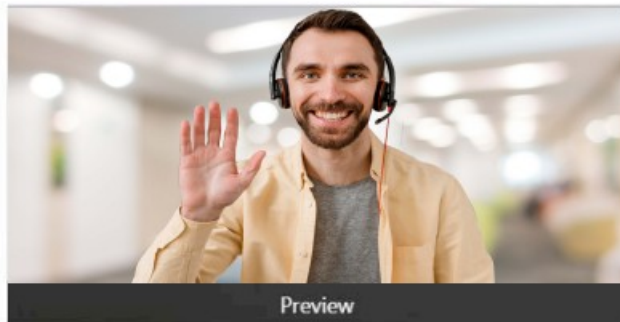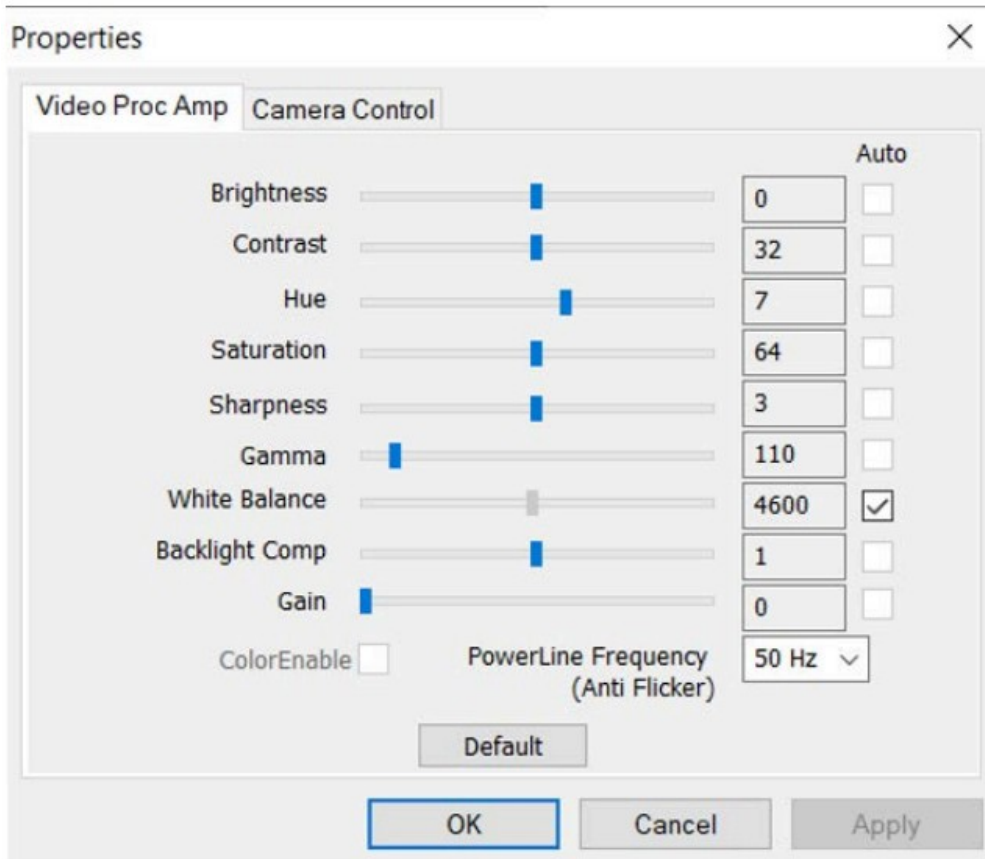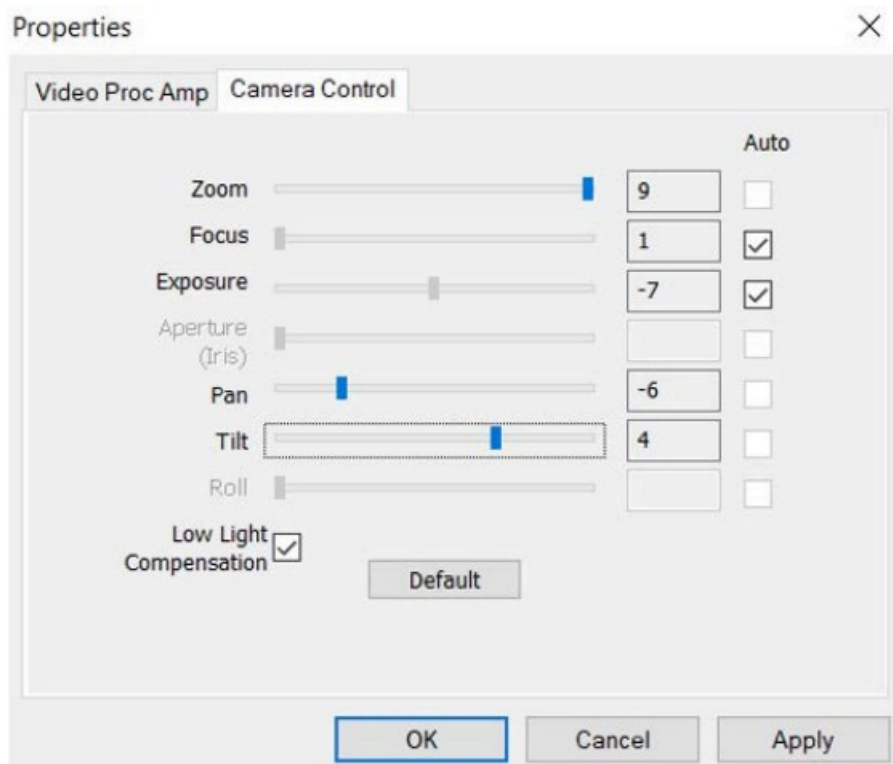
Properties window will appear.
If you need to correct the image due to poor lighting environments, click the "Video Proc Amp" tab

Adjust the advanced settings of your camera accordingly to get a better image quality, then click the "Apply" button to confirm your selection and finally click the "OK" Button to save and close "Properties" window.

Click on Camera control

– Adjust Zoom in or out to include/exclude your surroundings.
– Use Pan and Tilt to find the best angled.
– Click the "Apply" button to confirm your selection.

– Click the "OK" Button to save and close "Properties" window.

Product specifications

Camera

Sensor	1/2.9" CMOS
Resolution	1920 x 1080 Pixels
Total pixels	2.07 M
Min. illumination	0.5 Lux
Output Image Format	MJPG/YUY2/H.264
Frame rate (max)	1080p@30fps
SNR	58dB
Focus type	Fixed focus
Minimum object distance	0,3 m
Field of view	Diagonal: 73º±5%, Horizontal: 65,5º ±5%
Color bit depth	24 bits
UVC / UAC	2.0 and downward compatible
USB Protocol	USB 2.0 (Up to 1080p@30fps capable)
Others	Auto Exposure (AE) / Auto White Balance (AWB)

Microphone

Number	1
Type	Electret
Pickup distance/coverage	Max 3m with 180º (horizontal)
SNR	58dB
Sensibility	-34dB
Frequency response	100Hz- 8KHz
Audio processing	No

General

OS Support	Windows 8/8.1/10/11,mac OS Monterey, Bogus, macOS 10.12 to 10.15 and Chrome OS* (*Some apps may not support external cameras)
System requirements	CPU: Intel(R) Core(TM) i3 1.2GHz or better RAM: 2GB or higher Minimum free hard disk space: 1 GB USB: At least 1 free USB port
Compatible software	Zoom, Microsoft Teams, Google Meet, Cisco WebEx Meetings, Skype, Go Facing.
Camera connector	USB-C female. Only power
WiFi dongle connector	USB-A male
Tripod Mounting Option	Yes. Standard, ¼ inch thread
Package dimensions/	126 x 120 x 69mm
Package weight	270g
Camera dimensions(folded)	60 x 57 x 79 mm
Camera weight	160g
Dongle dimensions	74 x 22 x 9mm
Dongle weight	10g
Operating temperature	0ºC to +45ºC
Operating humidity	20% to 80%
Storage temperature	-10ºC to +60ºC
Storage humidity	20% to 95%
Supplied accessories	116cm USB-A USB-C cable
WiFi band	2.4GHz/Channels 1-13 with dynamic allocation
Camera input voltage	DC 5V (USB C)
Camera consumption	450mA – 800mA
Battery Type	Li-Polymer
Battery Capacity	3.7V/1500mAh
Battery Life	300 cycles
Battery autonomy	Up to 3h
Battery charging time	Up to 3h
Low battery warning	25′ ± 5′
WiFi Dongle input voltage	DC 5V (USB A)
WiFi Dongle consumption	Less than 300mA/5V

Sharpness: Not available
White Balance: Always in automatic, unchecking the box "auto" still remains in auto.
Gain: Not available

Properties ✕

Video Proc Amp | Camera Control

		Auto
Brightness	0	☐
Contrast	32	☐
Hue	7	☐
Saturation	64	☐
Sharpness	3	☐
Gamma	110	☐
White Balance	4600	☑
Backlight Comp	1	☐
Gain	0	☐

ColorEnable ☐　　PowerLine Frequency (Anti Flicker)　50 Hz ⌄

Default

OK　　Cancel　　Apply

Focus: Does not apply in this case Exposure: Always in automatic, unchecking the box "auto" still remains in auto Zoom: Up to 2X in 9 steps Backlight compensation: Not available

Properties ✕

Video Proc Amp | **Camera Control**

		Auto
Zoom	9	☐
Focus	1	☑
Exposure	-7	☑
Aperture (Iris)		☐
Pan	-6	☐
Tilt	4	☐
Roll		☐

Low Light Compensation ☑
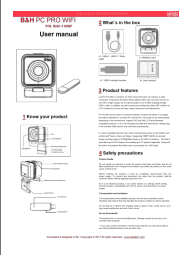
Default

OK　　Cancel　　Apply

Documents / Resources

Laiatech BHC-110WF Web Camera [pdf] User Manual
BHC-110WF Web Camera, BHC-110WF, Web Camera, Camera

References

- Ⓦ **Home - Laia**

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