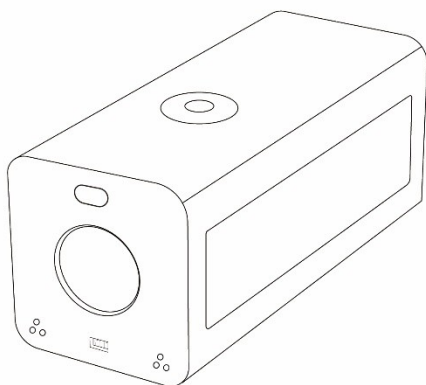




Quick Start Guide

4K POVZoom Air Camera 3X



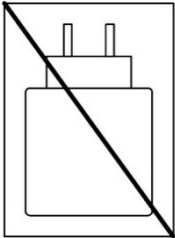
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NDI is a registered trademark of the Vizrt Group

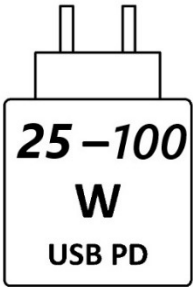
European Version

1. Packing List

Item	Unit	Quantity
POVZOOM AIR	PCS	1
USB-C Cable	PCS	1
Quick Start Guide	PCS	1
Topdirector activation code	PCS	1

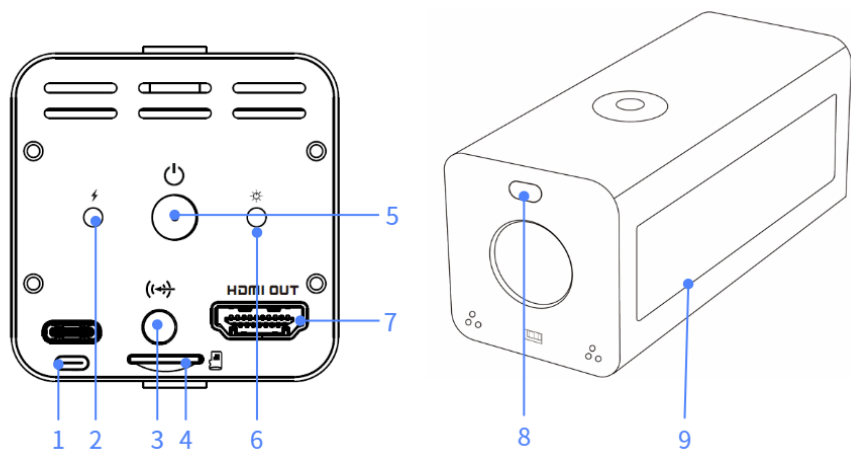


This product does not include a USB-C power adapter.



The compatible Type-C PD charger power range for this product is 25W to 100W.

2. Device Interface Description

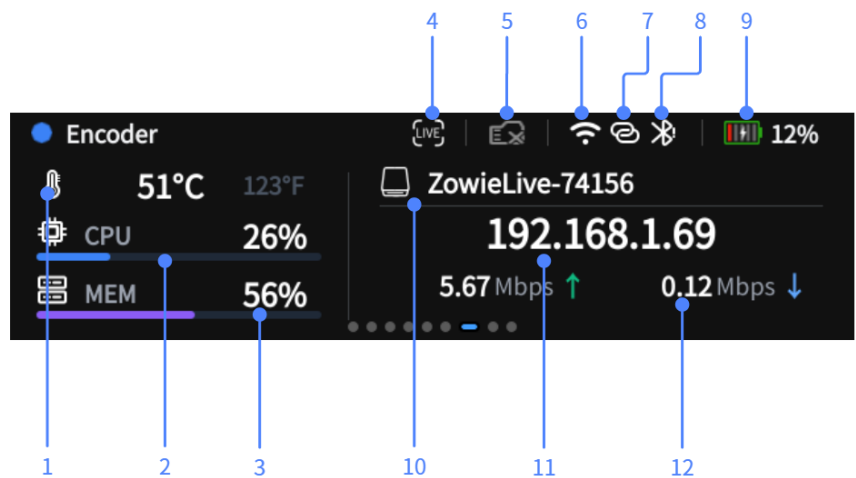


1	USB-C Power Port	6	Status LED
2	Charging LED	7	HDMI Out
3	3.5mm Audio In	8	Tally LED
4	Micro SD Slot	9	LCD Touchscreen
5	Power Button		

3. Screen Display / Operation

The POVZOOM AIR is equipped with an LCD touchscreen, allowing users to quickly view device status on the LCD and operate functions such as streaming, NDI, recording, zoom, focus, exposure and preset position control via touch.

3.1 Dashboard Information



1	CPU Temperature	7	Hotspot
2	CPU Usage	8	Bluetooth Status
3	Memory Usage	9	Battery Status
4	Streaming Status	10	Device Name
5	Disk Status	11	IP Address
6	Wi-Fi	12	Network Throughput

3.2 Touchscreen Quick Operations



Long press to bring up the quick access panel and perform LCD lock/standby/restart operations.



Swipe from left to right / swipe from right to left to return to the Dashboard interface.

4.LED Status

There are three different LEDs on POVZOOM AIR, corresponding to different functions.

4.1 Tally LED

The POVZOOM AIR changes according to the operating status in auto mode.

Auto Mode	NDI Encoding
Green	NDI PVW
Red	NDI PGM/Streaming
Blue Flashing	Bluetooth Pairing
Yellow	Standby

4.2 Charging LED

Status	Color
Charging	White
Not charging / Charging complete	Off
Charging error	Flashing White

4.3 Status LED

Status	Color
No Power	Off
Powering On	Yellow
Standby	Slow Yellow
Upgrading / Disk Full / Recording Paused	Flashing Yellow
Streaming	Red
Ready	Green

5. Device Installation and Connection

5.1 Initial Charging Guide

When you receive the device for the first time, please use a compatible USB-C Power Delivery (PD) charger to fully charge it while the device is powered off.

Note: This European version does not include a USB-C power adapter. To ensure proper charging and operation, please use a USB-C Power Delivery (PD) charger with a minimum output of 25W (supporting 5V/3A, 9V/2.77A, or 12V/2.1A). Chargers with lower wattage may not provide sufficient power.

POVZoom Air features a Smart Bypass Power architecture that bypasses the battery during live streaming, effectively preventing overheating and prolonging battery life.

If charging is required, please ensure the device is powered off or in standby mode.

For safety purposes, do not place the device on flammable surfaces or near heat sources while it is charging. If the battery indicator does not respond, disconnect the charger and contact customer support immediately. To prolong battery life, avoid completely draining the battery before recharging.

5.2 Power On/Off / Battery Check

	Press 3 s	Press 5 s	Press 10 s	Short Press
Powered On	/	Bring up the shutdown menu	Force shutdown	/
Powered Off	Power On	/	/	Check battery level

5.3 Login to the Web Console

POVZOOM AIR supports multiple methods for Wi-Fi configuration.

- 1) **Bluetooth Pairing** When the device enters the pairing interface, it will automatically enter Bluetooth pairing mode.
Once pairing is completed, the pairing screen will no longer pop-up on subsequent device startup.



Please scan the QR code directly on the initial screen to download the corresponding ZowieX app.
ZowieX will automatically search for the device it was first paired

2) Hotspot Pairing

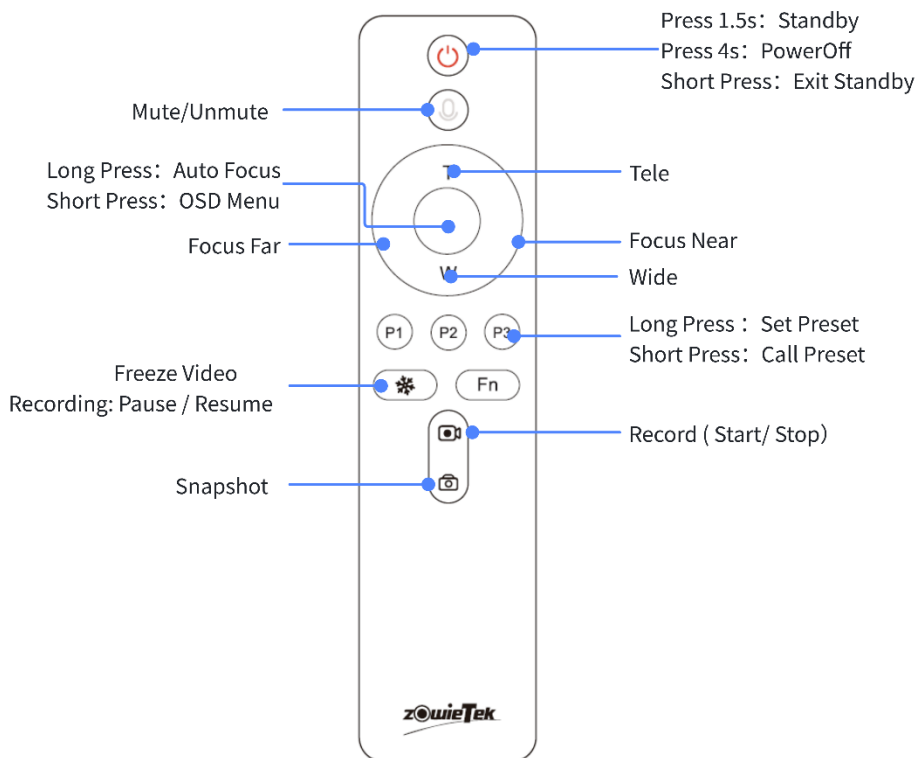
Please scan the QR code directly on the initial screen to download the corresponding ZowieX app.



Select the manual add ->POVZOOM AIR and scan the QR code on the far right to connect.

6. Remote Control

6.1 Button Functions



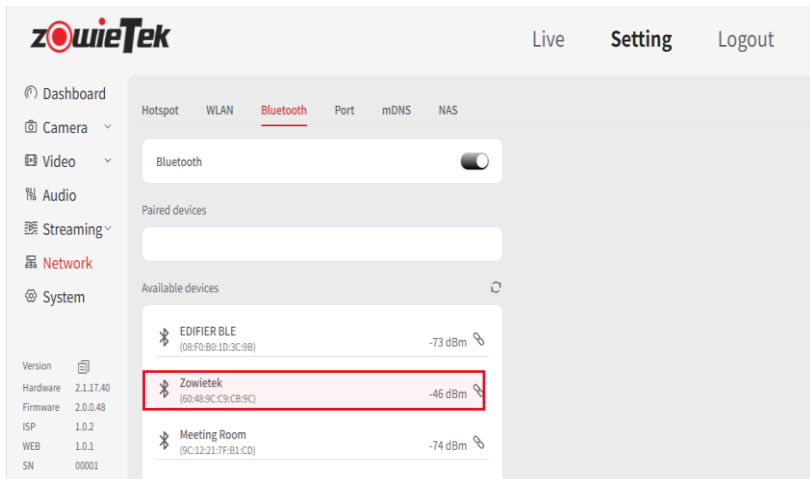
6.2 Remote Control Paring

This usually happens under unexpected circumstances.

When the remote control is not connected to the device, power-cycle it; the indicator light will flash, and the remote will enter pairing mode.

Method 1:

Log in to the device's web, navigate to Setting> Network > Bluetooth, locate the Bluetooth device with a name starting with "Zowietek," and click Connect.



Method 2:

Use the LCD to navigate to Menu > Network > Bluetooth to enter remote control pairing mode; the system will automatically search for a remote control that has entered pairing mode.



7. Quick Setup for Live Streaming

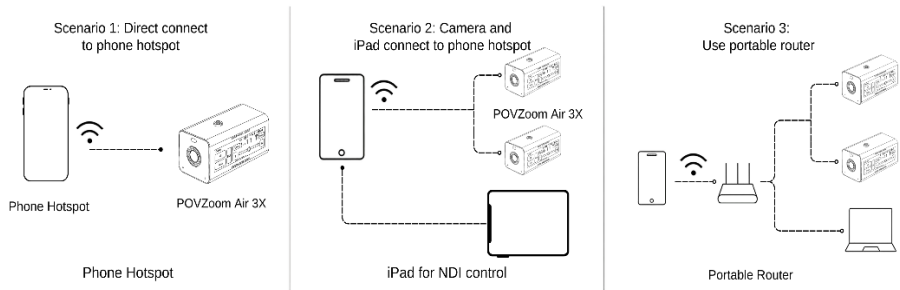
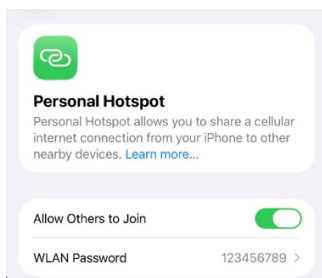


Figure: Three live-streaming network deployment scenarios for POVZOOM Air 3X

Scenario 1: Single Camera with Mobile Hotspot

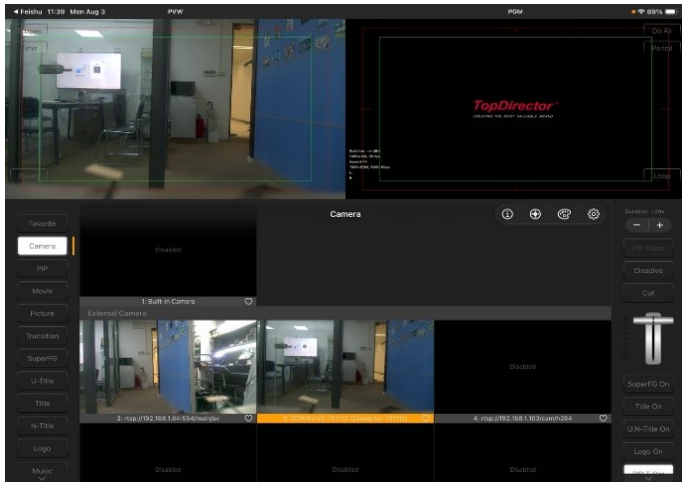
- 1) Hotspot: Turn on Phone Personal Hotspot (Note SSID & Password).



- 2) Pair: Refer to Chapter 5.4 to connect the camera to the mobile hotspot.
- 3) Stream: Swipe camera screen to find IP → Open IP in phone browser → Setting > Streaming > WLAN to enter Stream URL.

Scenario 2: Multi-Camera + iPad with Mobile Hotspot

- 1) Connect: Connect all POVZOOM Air cameras and iPad to the phone hotspot as step in Scenario 1.
- 2) Ingest: Open TopDirector on iPad → Add NDI stream from cameras to live stream.



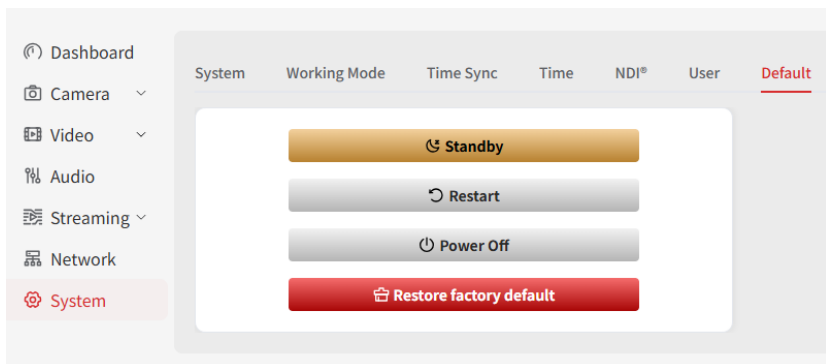
(Notes: Includes a complimentary 1-year full-feature license with your device.)

Scenario 3: Multi-Camera System (Portable Router)

- 1) Router Internet: Connect Phone to Router Wi-Fi → Bridge Router to Phone Hotspot (via USB tethering or Wi-Fi Repeater mode).
- 2) Join Network: Connect all POVZOOM Air cameras and iPad to the Router Wi-Fi.
- 3) Ingest & Stream: Open TopDirector on iPad → Ingest NDI / RTSP / SRT streams to start broadcast.

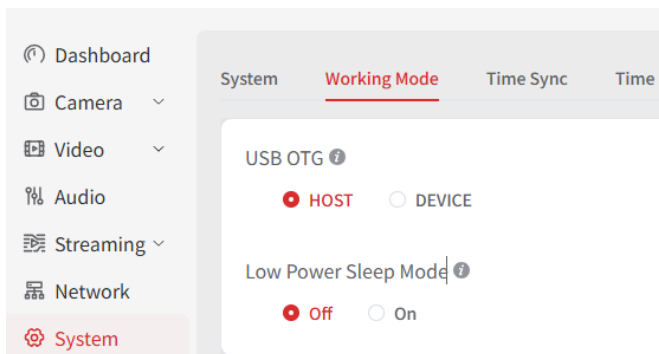
8. Standby / Power Off:

Click Setting->System->Default to manually Standby or Power Off.



By default, the device will automatically enter standby mode after a period of inactivity.

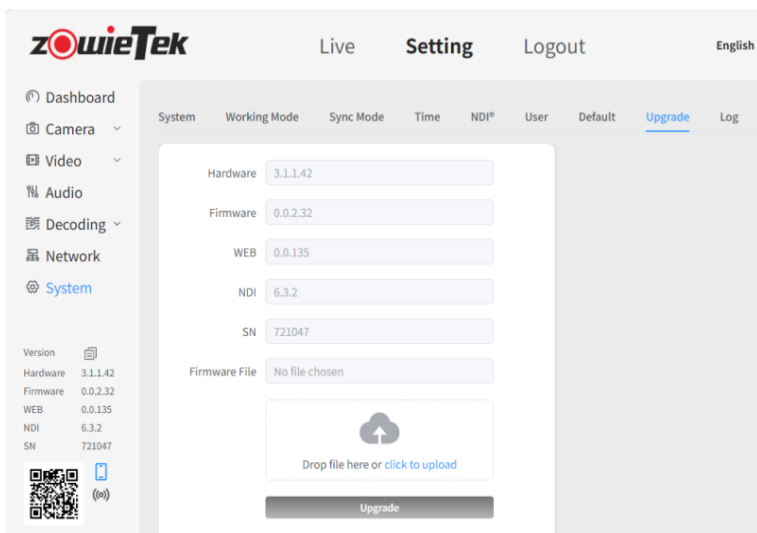
If you wish to use only HDMI or do not want the device to enter standby mode, please disable the standby mode.



9. Firmware Upgrade

Method 1:

- 1) Log into the web control interface, click "System Setting > Firmware Upgrade".
- 2) Click "Upload" to upload the correct firmware file.
- 3) Click "Upgrade".



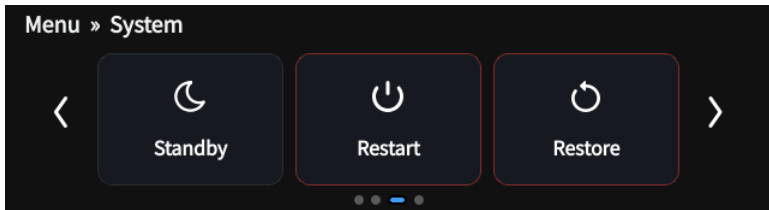
Method 2:

- 1) Select TF card formatted as FAT32/exFAT.
- 2) Extract the upgrade firmware to the root directory of the TF card. Power off and restart POVZOOM AIR.

10. Restore Factory Settings

Method 1:

Use the LCD touchscreen to restore the device to factory settings in the system settings.



Method 2:

Log in to the web control interface, click Setting-> System ->Default.

11. Warranty

We offer you POVZOOM AIR

One-year hardware warranty

Lifetime software warranty

For answers to FAQs and information, please visit:

Or contact us:



<https://www.zowietek.com/knowledge-base>



<https://www.zowietek.com/>



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