



Quick Start Guide

VZ-X ULTRA

13MP Wireless, HDMI & USB Document Camera

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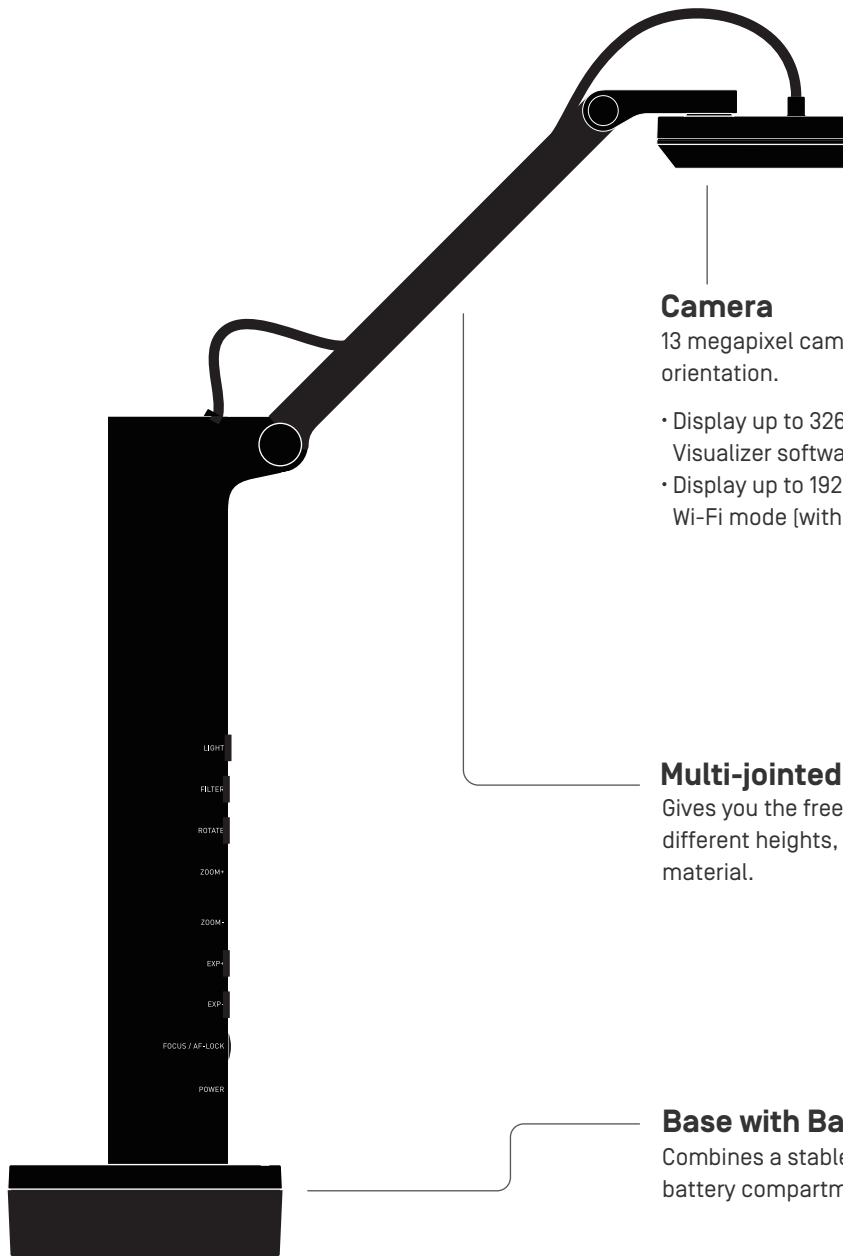
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The Basics

VZ-X ULTRA Wireless, HDMI & USB Document Camera features three connection modes—Wi-Fi, HDMI and USB—that let you capture and stream real-time images to your computer, iOS/Android devices, TV, projector or monitor in the setup that best suits your needs.

Get to Know Your VZ-X ULTRA



Camera

13 megapixel camera. Camera head can be swiveled for customizing orientation.

- Display up to 3264 x 2448 when used in USB mode with IPEVO Visualizer software.
- Display up to 1920 x 1080 when used in standalone HDMI mode or Wi-Fi mode (with IPEVO Visualizer software).

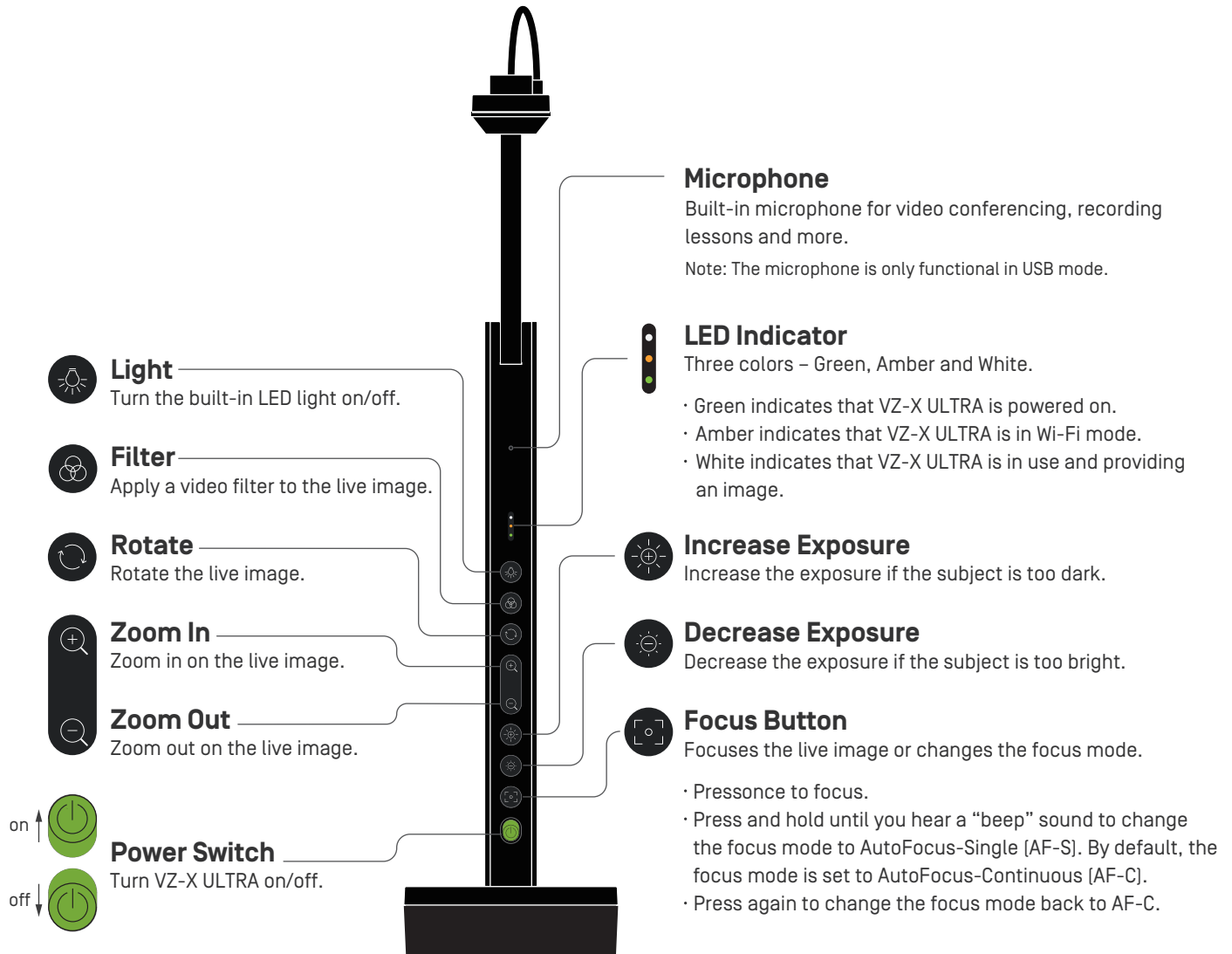
Multi-jointed Stand

Gives you the freedom to quickly and easily position the camera at different heights, angles, and various orientations for capturing material.

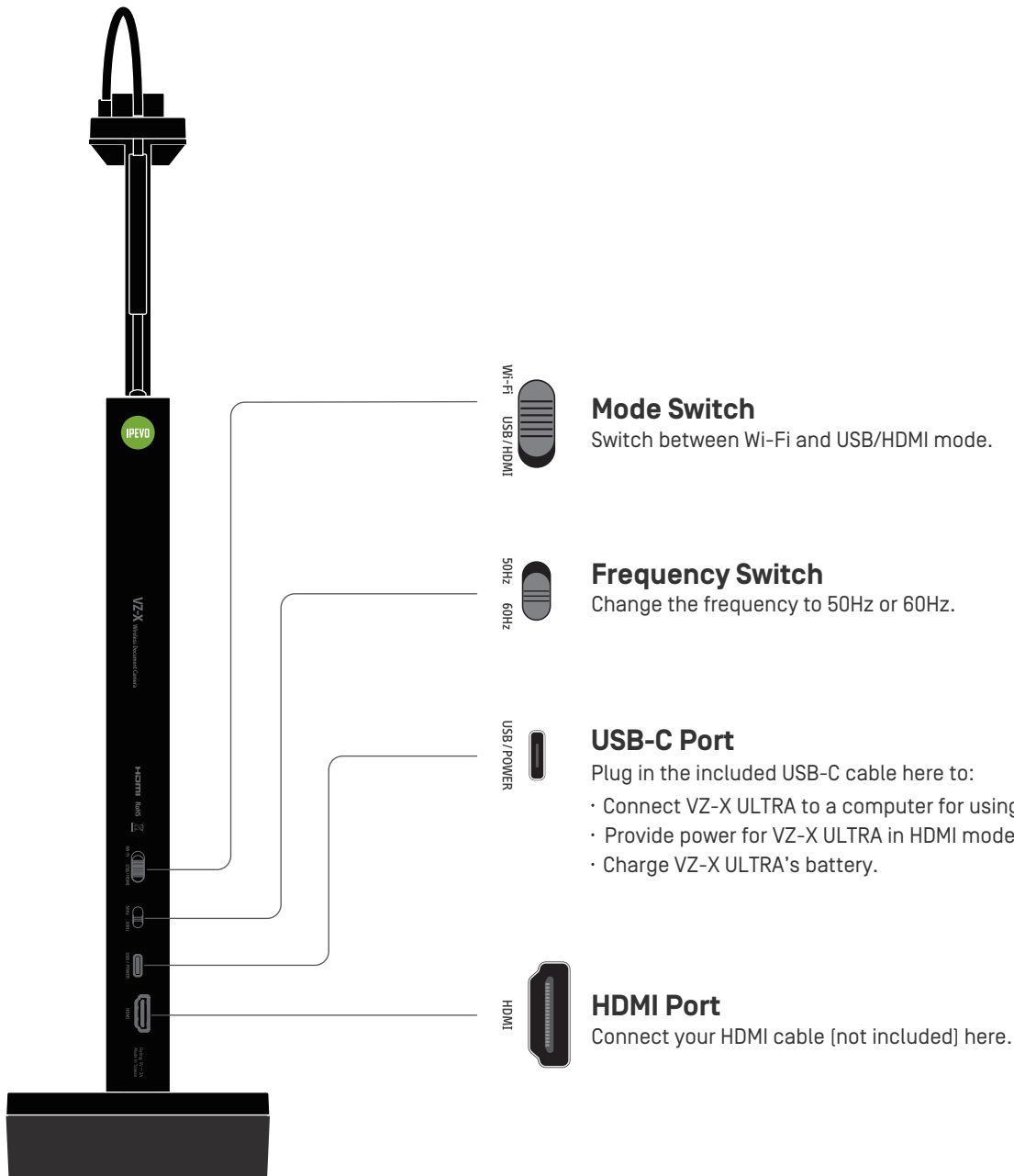
Base with Battery

Combines a stable foundation for the VZ-X ULTRA with a built-in battery compartment.

Get to Know Your VZ-X ULTRA



Get to Know Your VZ-X ULTRA



Get to Know Your VZ-X ULTRA

- **Battery Status Indicators**
- Indicate the battery level or charging status.
- All five indicators will light up Green when VZ-X ULTRA is on a full charge or has been fully recharged.
-

● **Battery Check Button**
You can check VZ-X ULTRA's battery level by pressing this.

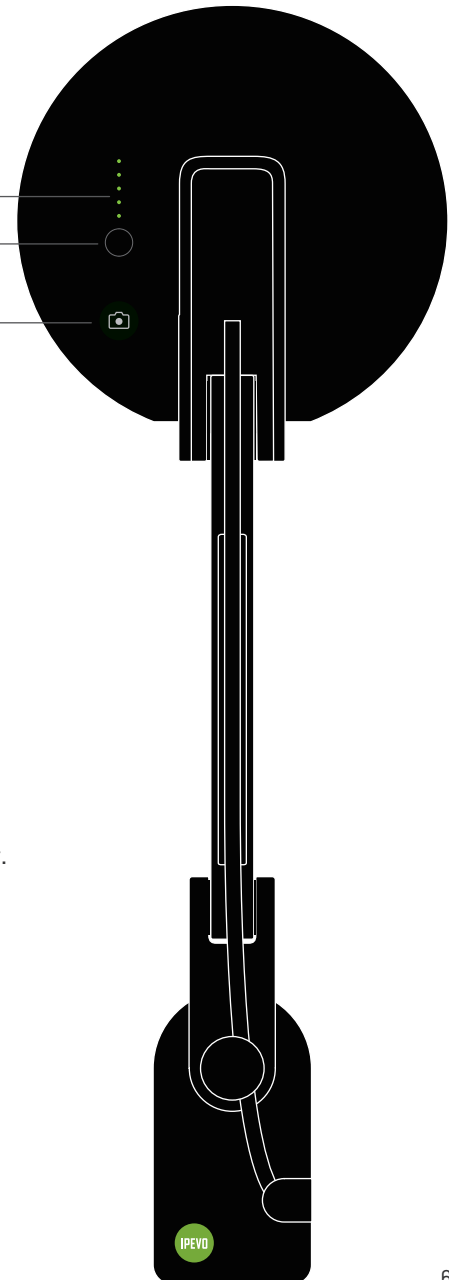
● **Action Button**
Perform the primary function of the respective function mode that is available in IPEVO Visualizer.

Note: The Action Button is functional in both Wi-Fi and USB modes.

Only in Wi-Fi mode

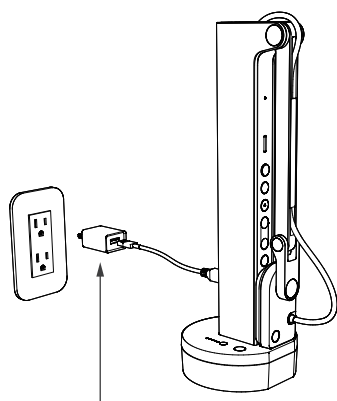
Press and hold for 5 to 10 seconds to pair with 4K wireless display receiver.

*Detail please see section "Connecting Wirelessly to Your Devices - B. Using with an 4K wireless display receiver."

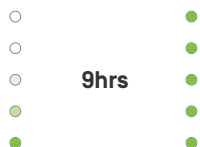


Charging VZ-X ULTRA

Please charge VZ-X ULTRA before using to make sure you have sufficient battery power for your session. The steps for charging VZ-X ULTRA are as below :



5V/2A USB power adapter
[not included]



1

Connect the included USB-C cable to the USB-C port of VZ-X ULTRA. Next, connect the other end of the cable to a 5V/2A USB power adapter [not included]. Then, plug the adapter to an outlet for charging.

Note:

- [1] Charging VZ-X ULTRA via a USB port of a computer is possible, but takes longer than charging via a power adapter.
- [2] You may use VZ-X ULTRA when it is plugged into a power outlet regardless of its remaining battery power.

2

When VZ-X ULTRA is charging, its Battery Status Indicators will flash Green indicating that it is receiving a charge. All of its indicators will light up Green when VZ-X ULTRA is fully recharged.

Note:

- [1] It takes approximately 9 hours to fully recharge VZ-X ULTRA on an empty battery assuming that it is powered off during recharging. It will take significantly longer to fully recharge if it is in use.
- [2] VZ-X ULTRA's battery can last for at least 9 hours on a full charge.

Connecting Wirelessly to Your Devices

VZ-X ULTRA can be used wirelessly with your iOS/Android devices (iPad & iPhone/Android Tablet & Android Phone), Mac or PC. You may want to check VZ-X ULTRA's remaining battery power by pressing the Battery Check Button before you start using it.

To use it wirelessly with your device, there are two ways available.

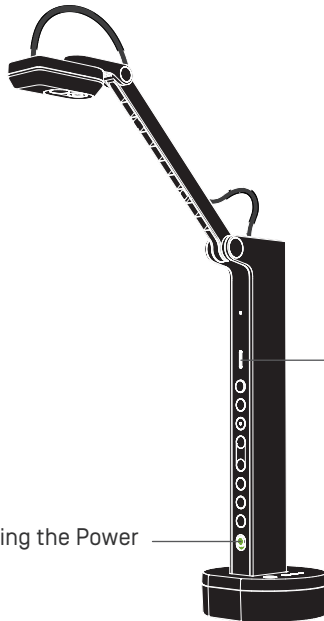
- A. Using VZ-X ULTRA's unique SSID
- B. Using with an EZCAST

A. Using VZ-X ULTRA's unique SSID



1

Turn VZ-X ULTRA on using the Power Switch.



2

Check the LED Indicator and make sure the Green and Amber lights are on.

If the Amber light is not on, please switch VZ-X ULTRA to its Wi-Fi mode using the Mode Switch located on its back.

Connecting Wirelessly to Your Devices



MAC: 12-34-56-78-9A-BC
SSID: VZXU_XXXXXX



Visualizer



WHITEBOARD



Eystage

Launch



3

Turn on your device's Wi-Fi. Browse the available Wi-Fi connections and connect to VZ-X ULTRA's SSID. The SSID can be found on the label located on the bottom of VZ-X ULTRA.

4

Launch **IPEVO EyeStage**, **Visualizer** or **WHITEBOARD** and choose VZ-X ULTRA as your camera device. A live image from VZ-X ULTRA should appear on your device. VZ-X ULTRA is now ready for use. For more information on the features offered by **IPEVO EyeStage**, **IPEVO Visualizer** and **IPEVO WHITEBOARD**, please visit <https://www.ipevo.com/software>

Note:

[1] VZ-X ULTRA supports 2.4GHz and 5GHz Wi-Fi network.

[2] The effective range of VZ-X ULTRA's wireless connection is 33ft (10m). However, the actual effective range may be affected by environmental factors such as obstacles or other wireless signals. Please adjust the placement accordingly to get the best streaming effect.

[3] The actual image transmission rate of VZ-X ULTRA depends largely on the network environment it is used in. Having multiple wireless signals in the same environment may cause interference and a drop in the transmission rate. If you require to stay connected to a Wi-Fi network while using WZ-X in the Wi-Fi mode, please follow step 5 to 10 below:

If you require to stay connected to a Wi-Fi network while using VZ-X ULTRA in the Wi-Fi mode, please follow step 5 to 10 below:

5

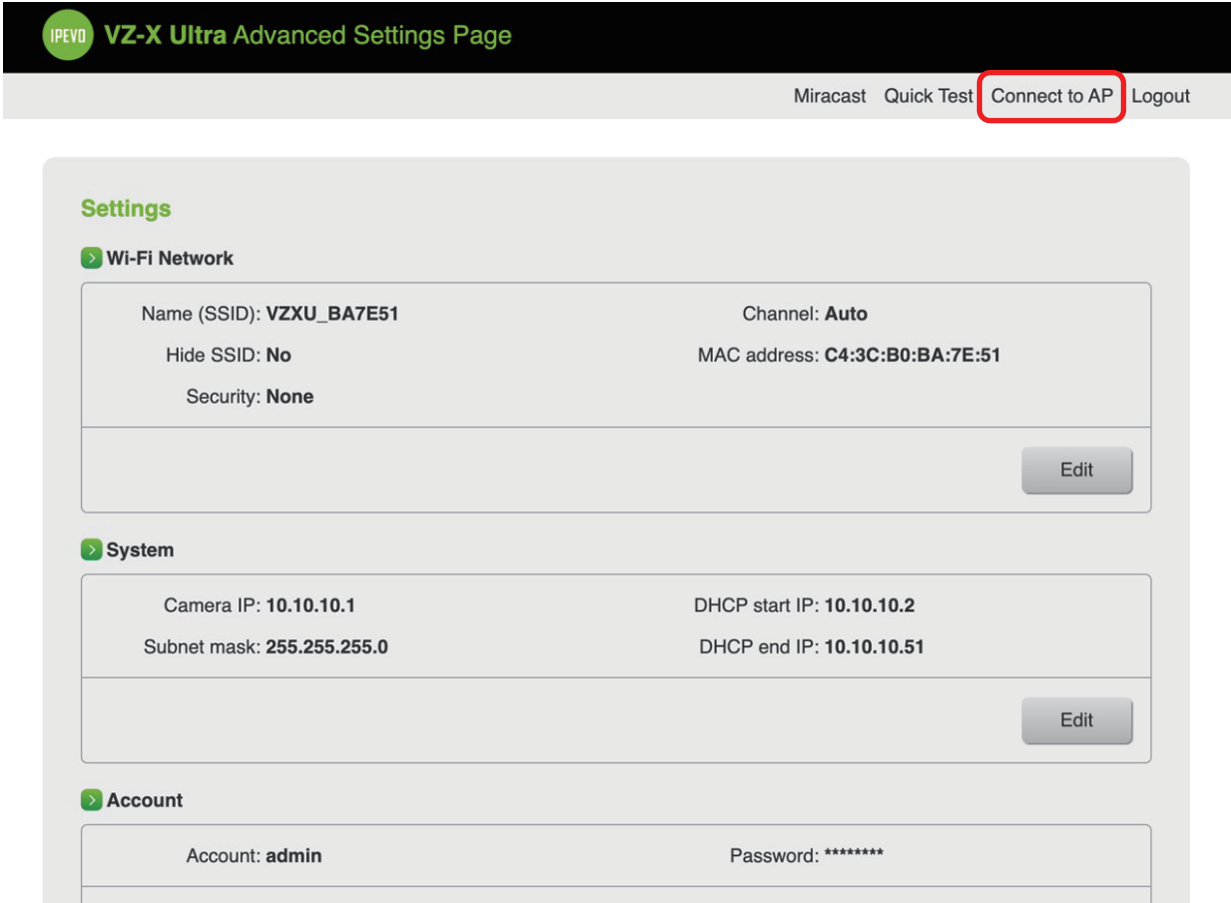
Please connect VZ-X ULTRA to your computer via Wi-Fi and open a browser window.

Type **10.10.10.1** in the address bar and press **"Enter"**. This way you will access the VZ-X ULTRA's advanced settings. Enter your login account and password. For first-time login, the default account and password is admin.

Connecting Wirelessly to Your Devices

6

Click on “Connect to AP” on the bar in the upper right corner



The screenshot displays the 'VZ-X Ultra Advanced Settings Page' with a black header bar. On the left of the header is a green circle with 'IPEVO' and the page title 'VZ-X Ultra Advanced Settings Page' in green. On the right of the header are links: 'Miracast', 'Quick Test', 'Connect to AP' (highlighted with a red rectangle), and 'Logout'. Below the header is a light gray sidebar with the title 'Settings' in green. Under 'Settings' is a section for 'Wi-Fi Network' with a green expand icon. The Wi-Fi settings are displayed in a light gray box with the following details: Name (SSID): VZXU_BA7E51, Channel: Auto, Hide SSID: No, Security: None, and MAC address: C4:3C:B0:BA:7E:51. An 'Edit' button is at the bottom right of this box. Below the Wi-Fi section is a 'System' section with a green expand icon. The system settings box shows: Camera IP: 10.10.10.1, Subnet mask: 255.255.255.0, DHCP start IP: 10.10.10.2, and DHCP end IP: 10.10.10.51. An 'Edit' button is at the bottom right of this box. At the bottom is an 'Account' section with a green expand icon. The account settings box shows: Account: admin and Password: *****.

Settings

> **Wi-Fi Network**

Name (SSID): **VZXU_BA7E51** Channel: **Auto**
Hide SSID: **No** MAC address: **C4:3C:B0:BA:7E:51**
Security: **None**

Edit

> **System**

Camera IP: **10.10.10.1** DHCP start IP: **10.10.10.2**
Subnet mask: **255.255.255.0** DHCP end IP: **10.10.10.51**

Edit

> **Account**

Account: **admin** Password: *********

Connecting Wirelessly to Your Devices

7

Click on the blue refresh button to see the available networks and select the one you want to connect to [If you have connected to an available network before, you will be connected automatically. Please see the connection status at the bottom left of the page.]

IPEVO VZ-X Ultra Advanced Settings Page

Advanced Settings Logout

Wi-Fi WAN Settings

AP List

SSID:

Password:

Status:DISCONNECTED

IP address:

AP SSID:

Security:

Connecting Wirelessly to Your Devices

8

After you have selected the network, please type the password in the “**Password**” field on the right and press “**Enter**”.

IPEVO

VZ-X Ultra Advanced Settings Page

Advanced Settings

Logout

Wi-Fi WAN Settings

AP List

myvita

IPEVO_GUEST

IPEVO_INTERNAL

IPEVO_WPA2_TEST

DIRECT-QuattroR01_9EFD2C55

rich-b1-5G

IPEVO_CEOOFFICE

3F-Home

redfeet_5G

\xe5\xaf\x8c\xe7\x94\xb2\xe5\xa4\xa9\

VZUL-PA0000

SSID:

Password:

Status:INACTIVE

IP address:

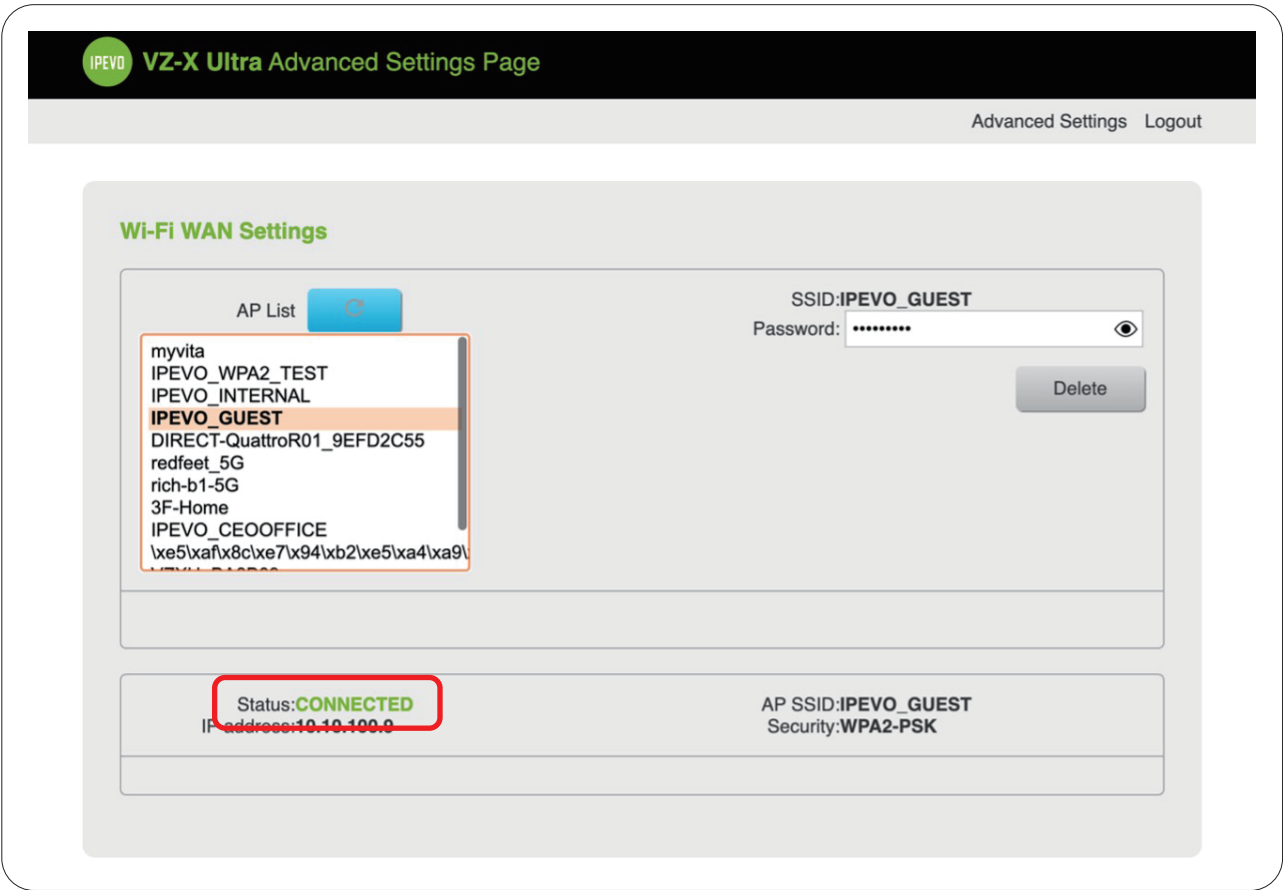
AP SSID:

Security:

Connecting Wirelessly to Your Devices

9

Check whether the status in the lower left section says **“connected”**. Now you can use VZ-X ULTRA in Wi-Fi mode and remain connected to the internet. If not, please repeat the process and make sure to type in the correct Wi-Fi network password.



10

Once you connect to the selected wireless network, this network will be saved and VZ-X ULTRA will connect automatically next time.

Connecting Wirelessly to Your Devices

B. Using with a 4K Wireless Display Receiver (EZCast ULTRA U1)

With your VZ-X ULTRA purchase, you'll receive an EZCast dongle for free. If you need assistance, contact your local distributor or our customer service. EZCast dongle has a one-year warranty.



Connecting Wirelessly to Your Devices

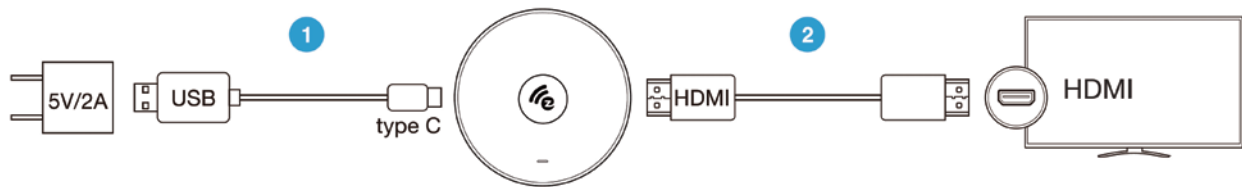
3

Connect EZCast ULTRA U1 to TV or projector

Plug the EZCast ULTRA U1 into a TV or projector with HDMI and USB-A ports:

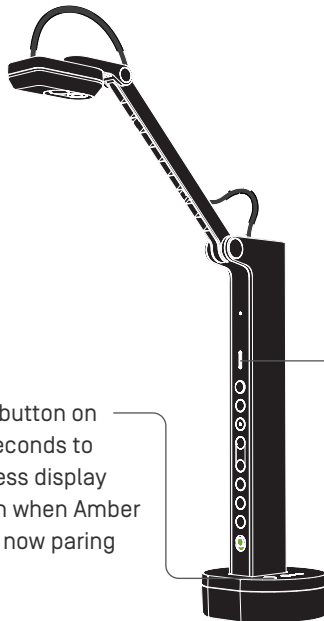
HDMI connection transmits video, while the USB connection serves only for powering the EZCast ULTRA U1.

Set your TV's source/input selection to the HDMI port connected to the EZCast ULTRA U1.



4

Press and hold the "Action" button on the VZ-X ULTRA for 5 to 10 seconds to initiate pairing with 4K wireless display receiver. (Release the button when Amber LED turns off. VZ-X ULTRA is now pairing with EZCast ULTRA U1)



5

Release the button when Amber LED turns off. Wait approximately 60 seconds. Green, Amber, and White LEDs on: pairing successful. If the Amber LED is flashing, the pairing has failed. Reboot VZ-X and try pairing again.

Connecting Wirelessly to Your Devices

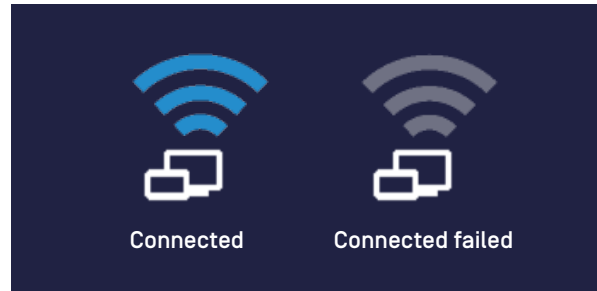
6

Projection Screen

Connected: Signal source symbol in blue.

Connection failed: Signal source symbol in gray.

Please restart VZ-X ULTRA and re-pair.



Note

To use VZ-X ULTRA in the wireless mode with other SW platforms such as Google Meet, please go to the support section of the VZ-X ULTRA website, download **VirtualCam Controller** or **EyeStage** add-on and install it. In **VirtualCam Controller** or **EyeStage** select VZ-X ULTRA as the source camera. In your SW platforms, then select IPEVO Virtual Cam as your camera.

Enhance your IPEVO experience with our software

<https://www.ipevo.com/software>

Connecting to Your HDMI Displays

Please follow the steps below to connect your VZ-X ULTRA directly to a TV, projector or monitor via HDMI:

1

Connect an HDMI cable [not included] to the HDMI port of VZ-X ULTRA. Then, connect the other end of the cable to the HDMI port of a TV projector or monitor.

2

Connect the included USB-C cable to the USB-C port of VZ-X ULTRA. Then, connect the other end of the cable to the USB port of your TV, projector or computer to provide power for VZ-X ULTRA. Or, you can also power VZ-X ULTRA on by connecting the cable to a 5V/2A USB power adapter [not included] and then to an outlet.

Note: If VZ-X ULTRA is on a full charge or there's sufficient battery power for your session, you do not need to connect VZ-X ULTRA to any USB port or outlet for powering it on.

3

Check the Mode Switch of VZ-X ULTRA. Make sure you've switched it to USB/HDMI mode.

4

Turn VZ-X ULTRA on using the Power Switch. A live image from VZ-X ULTRA should appear on your HDMI display. VZ-X ULTRA is now ready for use.

Connecting to Your Computer via USB

You can use VZ-X ULTRA with your computer (Mac/PC/Chromebook) via USB. You may use it with IPEVO Visualizer or other compatible third party software. If your computer is connected to a projector, you can then project the live image from VZ-X ULTRA to a large screen. To use VZ-X ULTRA with your computer, please:

1

Connect the included USB-C cable to the USB-C port of VZ-X ULTRA. Then, connect the other end of the cable to the USB port of your computer.

2

Check the Mode Switch of VZ-X ULTRA. Make sure you've switched it to USB/HDMI mode.

3

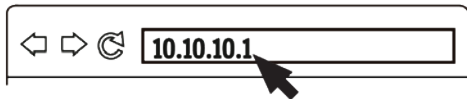
Turn VZ-X ULTRA on using the Power Switch.

4

Launch IPEVO Visualizer or any compatible third party software of your choice. A live image should appear on your computer. VZ-X ULTRA is now ready for use.

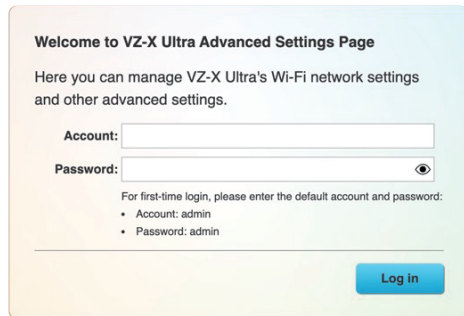
Accessing VZ-X ULTRA's Advanced Settings

You can access VZ-X ULTRA's advanced settings to manage its Wi-Fi network settings, setup password protection, update firmware, and do a quick functionality test. To do so, please ensure VZ-X ULTRA is connected to your device wirelessly and that no other software is accessing it. Then, follow the steps below:



1

Launch your browser and type **10.10.10.1** into the address bar.



Welcome to VZ-X Ultra Advanced Settings Page

Here you can manage VZ-X Ultra's Wi-Fi network settings and other advanced settings.

Account:

Password:

For first-time login, please enter the default account and password:

- Account: admin
- Password: admin

[Log in](#)

2

Enter your login account and password. For first-time login, the default account and password is **admin**.

In the Advanced Settings Page, you may:

- (i) Rename VZ-X ULTRA's SSID, change it into a hidden SSID, add a password to it, or, change VZ-X ULTRA's wireless security protocol under "Settings".
- (ii) Change and set VZ-X ULTRA's IP address, DHCP IP addresses and subnet mask under "System".
- (iii) Change the login account and password under "Account".
- (iv) Update VZ-X ULTRA's firmware under "Firmware Update".
- (v) Do a quick functionality test under "Quick Test".

Resetting VZ-X ULTRA

Should you need to reset VZ-X ULTRA to its factory default, you can do so by:



1



Turn VZ-X ULTRA off if it is still on.

2



Press and hold on both the Increase Exposure and Decrease Exposure buttons.

3



Turn VZ-X ULTRA on while holding down the buttons. The LED Indicator will briefly show three colors – Green, Amber and White. You can then release the buttons. VZ-X ULTRA is now reset.

Product Safety Certification

CE Mark Warning (㇏)

Warning: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

Federal Communications Commission (FCC) Statement (㇏)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

[1] This device may not cause harmful interference, and

[2] This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

VCCI-A (㇏)

この装置は、クラスA 機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

IC Certification of Radio Apparatus

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

[1] This device may not cause interference; and

[2] This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

[1] l'appareil ne doit pas produire de brouillage, et

[2] l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil et son antenne [s] ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou émetteur.

IC Radiation Exposure Statement

This equipment complies with ICED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



Precaution

Do not use/store the product in the following places:

- Near heat sources
- Near steam or greasy smoke
- Locations with high humidity
- Sandy or dusty places