

Hardware

audio ON/OFF switch

RX | Receiver:

Located on the **RX** device's bottom side, the "**Audio ON/OFF switch**" quickly enables or disables audio

-Switch to ON: enables audio

-Switch to OFF: disables

host connector

RX | Receiver:

USB-C® or USB® Type-A port

infrared

N/A

led indicators

TX | Transmitter / RX | Receiver:

- **Red:** Power on
- **Orange:** Waiting to connect
**TX and RX are connected, but the USB™ camera or USB™ Speaker/Microphone are not connect to TX USB™ port*
- **Orange flashing light:** TX / RX pairing
- **Green:** TX / RX connected, and TX USB™ camera is enabled.

pair button

- **Pair Button**
If TX and RX devices are close together but, the TX and RX device's LEDs are red and or if they disconnect, please try turning on "pairing mode".
To turn on pairing mode find the Pair button located on the bottom side of TX and RX device, push and

hold the TX and RX device's pairing button 5 seconds, the power LED will change orange and will blink for 1 minute. If TX and RX device are paired, the LED will turn green and will stop blinking.

ports

TX | Transmitter:

- 1 - USB-C® Power In
- 1 - USB™ Type-A Female (Camera)
- 1 - USB™ Type-A female (Speaker/Microphone)
- 1 - 3.5 mm Speaker Out

power source

TX Transmitter: 1 - DC 5V/3A Power Adapter RX | Receiver: 1 - Bus Power through USB-C®

Performance

audio channel

2.1 CH stereo

esd protection

N/A

infrared return frequency

N/A

ovp protection

N/A

rf output power

+15 dBm ±1 dBm

security - encryption

128/256-bit AES based encryption WPA2 authentication protocol

supported resolution - output

H.264:

2160p / 1080p / 720p / 480p / 240p @ 30 FPS

1080p @ 60 FPS

MJPEG:

1080p / 720p / 480p / 240p @ 30 FPS

YUV:

1080p / 720p / 480p / 240p

Physical Specifications**cable length**

Receiver (RX): 6.5 in. (16.5 cm)

color

Black

enclosure type

Plastic

operating humidity

< 85% non-condensing

operating temperature

+32 to +104°F (0 to +40°C)

product depth

Transmitter (TX): 3.74 in. (95 mm) Receiver (RX): 2.63 in. (67 mm)

product height

Transmitter (TX): 0.9 in. (23 mm) Receiver (RX): 0.83 in. (21 mm)

product weight

Transmitter (TX): 3.95 oz (112 g) Receiver (RX): 1.95 oz (55.5 g)

product width

Transmitter (TX): 3.74 in. (95 mm) Receiver (RX): 2.63 in. (67 mm)

storage humidity < 85% non-condensing storage temperature -4 to +122°F (-20 to +50°C)
Wireless Protocols
antenna type Transmitter (TX): External antenna x 2 Receiver (RX): Built-in antenna channel width 80 MHz frequency 5 GHz Band I, Band IV, CE Only Band I range Up to 82 ft. (25 m) standard IEEE 802.11ac
Package Contents
• 1 - JVW120 Wireless Extender for USB™ Cameras / Microphones / Speakers set (1 x Transmitter & 1 x Receiver) • 1 - DC 5V/3A Power Adapter • 1 - Hook and loop fastener • 1 - Quick Installation Guide (QIG)
System Requirements
• Available USB-C® or USB™ Type-A port • Windows® 11 / 10 macOS® 10.10 or later Chrome OS™

Special Notes

- Display may vary depending on environment. Solid and nonporous materials such as steel, concrete, brick and glass (varies depending on coating and thickness) may cause shorter viewing distance or loss of signal.
- Priority of Audio-Output on the ports of TX would be “3.5mm Speaker→ USB™ Speaker/microphone → USB™ camera with speaker/microphone”
- TX and RX devices will connect and pair each other automatically. If devices are properly be paired and USB™ camera has been connect with TX, then camera will be activated automatically