

## Wireless Extender for USB™ Cameras / Microphones / Speakers

A Wireless Extender for USB™ Cameras helps eliminate cables for your USB™ camera and reduce visual clutter in your video conferencing, streaming, or broadcasting setup

**MODEL: JWV120**



The j5create Wireless Extender for USB™ Cameras / Microphones / Speakers turn your wired USB™ camera into a wireless one. With a wireless transmission range of up to 82 ft. (25m) users can extend the range of their wired USB™ camera without having to deal with tangled cables regardless of the room layout. In addition to transmitting both video and audio wirelessly this compact and lightweight camera extender works with Windows®, macOS®, and Chrome OS™ computers, making it a great addition to any meeting room, streaming setup, and other similar environments.

## FEATURES

- Low-latency audio and video transmission via USB™
- Converts a wired USB™ camera into a wireless one
- Provides support for USB™ camera with microphones/speaker
- Wireless transmission distance can reach up to 82 ft. (25 m)
- 5 GHz frequency ensures a stable connection
- Supports resolution up to 1080p@30 in MJPEG format, and 1080p@60 and 4K@30 in H.264 format
- Compatible with Windows®, macOS®, Chrome OS™

## SYSTEM REQUIREMENTS

- Available USB-C® or USB™ Type-A port
- Windows® 11 / 10  
macOS® 10.10 or later  
Chrome OS™

## HARDWARE

Warranty	2 Year Limited
Host Connector	<b>RX   Receiver:</b> USB-C® or USB® Type-A port
Power Source	<b>TX Transmitter:</b> 1 - DC 5V/3A Power Adapter <b>RX   Receiver:</b> 1 - Bus Power through USB-C®
LED Indicator	<b>TX   Transmitter / RX   Receiver:</b> <ul style="list-style-type: none"> <li><b>Red:</b> Power on</li> <li><b>Orange:</b> Waiting to connect *TX and RX are connected, but the USB™ camera or USB™ Speaker/Microphone are not connect to TX USB™ port</li> <li><b>Orange flashing light:</b> TX / RX pairing</li> <li><b>Green:</b> TX / RX connected, and TX USB™ camera is enabled.</li> </ul>
Pair Button	<b>TX   Transmitter / RX   Receiver:</b> <ul style="list-style-type: none"> <li><b>Pair Button</b> 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.</li> </ul>
Audio ON/OFF Switch	<b>RX   Receiver:</b> Located on the <b>RX</b> device's bottom side, the " <b>Audio ON/OFF switch</b> " quickly enables or disables audio -Switch to ON: enables audio -Switch to OFF: disables
Ports	<b>TX   Transmitter:</b> 1 - USB-C® Power In 1 - USB™ Type-A Female (Camera) 1 - USB™ Type-A female (Speaker/Microphone) 1 - 3.5 mm Speaker Out
IR	N/A

## PERFORMANCE

Audio Channel	2.1 CH stereo
Display Output Supported Resolutions	<p><b>H.264:</b> 2160p / 1080p / 720p / 480p / 240p @ 30 FPS 1080p @ 60 FPS</p> <p><b>MJPEG:</b> 1080p / 720p / 480p / 240p @ 30 FPS</p> <p><b>YUV:</b> 1080p / 720p / 480p / 240p</p>
RF Output Power	+15 dBm ±1 dBm
Security (Encryption)	128/256-bit AES based encryption WPA2 authentication protocol
IR Return Frequency	N/A
ESD Protection	N/A
OVP Protection	N/A

## WIRELESS PROTOCOLS

Standard	IEEE 802.11ac
Frequency	5 GHz Band I, Band IV, CE Only Band I
Range	Up to 82 ft. (25 m)
Channel Width	80 MHz
Antenna Type	Transmitter (TX): External antenna x 2 Receiver (RX): Built-in antenna

**PHYSICAL SPECIFICATIONS**

Color	Black
Enclosure Type	Plastic
Cable Length	Receiver (RX): 6.5 in. (16.5 cm)
Product Height	Transmitter (TX): 0.9 in. (23 mm) Receiver (RX): 0.83 in. (21 mm)
Product Width	Transmitter (TX): 3.74 in. (95 mm) Receiver (RX): 2.63 in. (67 mm)
Product Depth	Transmitter (TX): 3.74 in. (95 mm) Receiver (RX): 2.63 in. (67 mm)
Product Weight	Transmitter (TX): 3.95 oz (112 g) Receiver (RX): 1.95 oz (55.5 g)
Storage Temperature	-4 to +122°F (-20 to +50°C)
Storage Humidity	< 85% non-condensing
Operating Temperature	+32 to +104°F (0 to +40°C)
Operating Humidity	< 85% non-condensing

## 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
- Please use this wireless extender set in the same space to avoid having the signal obstructed by walls. If you experience unstable transmission or poor image quality, please check for any other wireless signals that may be causing interference.
- Only one set can be used in the same space. Using multiple units may cause radio wave interference and may not work properly.

## 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)

\*Product appearance and specifications are subject to change without notice.

## REGULATORY COMPLIANCE

### ■ Telephone Support

Please call us @ +1-888-689-4088 and one of our support technicians will be very happy to assist you. We stand behind our products and it is our goal to provide you with world class support.

- Regulatory Compliance : FCC / CE / BSMI / NCC
- Reglasde Conformidad : FCC / CE / BSMI / NCC
- Regulatorische Erfüllung: FCC / CE / BSMI / NCC
- Conformité réglementaire : FCC / CE / BSMI / NCC



### ■ Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC ID: 2AD37JVW120TX**

**FCC ID: 2AD37JVW120RX**

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

You are cautioned that any changes or modifications to this product not explicitly approved by the manufacturer in writing could void the user's authority to operate the equipment and any assurances of Safety or performance, and could result in violation of Part 15 of the FCC Rules.

**FCC**

This equipment has been tested and found to comply with FCC 47 CFR FCC Rules and Regulations Part 15, Subpart B, Class B Digital Device ANSI C63.4-2014, January 2016 (Updated April 2019)..

Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference, including interference that may cause undesired operation of the device.

**CE / UKCA**

This equipment is in compliance with the requirements of the following regulations:

CE	UK
EN 55032:2015/A1:2020	BS EN 55032:2015/A1:2020
EN IEC 61000-3-2:2019	BS EN IEC 61000-3-2:2019
EN 61000-3-3:2013+A1:2019.....	BS EN 61000-3-3:2013+A1:2019
EN 55035:2017/A11:2020.....	BS EN 55035:2017/A11:2020

**RCM**

This equipment is in compliance with the requirements of the following regulations:

Australian/New Zealand Standard(s): AS/NZS CISPR 32:2015 + A1: 2020

**VCCI / TELEC**

This equipment is in compliance with the requirements of the following regulations:

CISPR 32 © IEC: 2016 Class B

**BSMI**

This equipment is in compliance with the requirements of the following regulations: CNS13438 and NCC regulations: LP0002

中文品名: **USB™ 視訊攝影機無線延伸收發器**

檢驗標準：

CNS15998-1 C5284-1(109年06月)

CNS 15936 C6459 (105年09月)

## 限用物質含有情況標示聲明表

### Declaration of the Presence Condition of the Restricted Substances Marking

設備名稱：USB™ 視訊攝影機無線延伸收發器		型號（型式）：JVW120				
Equipment name		Type designation (Type)				
單元 Unit	限用物質及其化學符號					
	Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr <sup>+6</sup> )	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
外殼	○	○	○	○	○	○
線材	○	○	○	○	○	○
電路板	○	○	○	○	○	○
包裝	○	○	○	○	○	○
<p>備考 1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。            Note 1 : “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考 2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。            Note 2 : “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考 3. “—” 係指該項限用物質為排除項目。            Note 3 : The “-” indicates that the restricted substance corresponds to the exemption.</p>						

#### NCC & NCC ID

#### \*NCC 警語:

#### 依據【低功率射頻器材技術規範】

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## LIMITED WARRANTY

j5create offers a limited 2-year warranty. User's wear & tear damage is not included. The user shall call or email j5create customer service with the defect information of the product and obtain a return authorization number. Users are responsible for one-way return freight cost and we will take care of one-way freight back. In order to obtain a return authorization number, users should have the following information handy when calling or emailing the service team:

- (i) a copy of the original purchase invoice to verify your warranty
- (ii) a product serial number
- (iii) a description of the problem
- (iv) customer's name, address, and telephone number

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