# U-BRIDGE 3 WP

## USB 3.2 GEN 1 CAMERA AND DEVICE EXTENDER WITH A WALL PLATE

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## DEVICE CONNECTORS

PC HOST

DEVICE wall plate



### Flexible connectivity options
- DEVICE wall plate ports: 1x USB-A and 1x USB-C
- PC HOST port: Lockable USB-C connector

### Advanced video + camera control integration
- 4K video camera and audio extender enables SuperSpeed connections
- Perfectly compatible with cameras and UC CODECs
- Connect high-quality PTZ cameras and video bars, DSP, HID devices or mouse and keyboard
- RS-232 extension for VISCA or control by either the PC HOST or DEVICE wall plate

### Reliable performance meets elegant design and practical installation
- Powered by either the PC HOST or DEVICE wall plate
- Nice and sleek wall plate design to fit in a professional office design environment
- Link: Up to 100 m/330 ft. over a single CAT6A cable
- Tie slot to secure the CAT6A cable for a clean, secure, and worry-free installation
- Includes one Decora-style wall plate (1-gang format), replaceable for custom installations or color matching
- TAA-compliant and made in Canada

### Ideal for USB camera extension (100 m/330 ft.) in videoconferencing rooms

The U-BRIDGE 3 WP multi-device extender with a wall plate is fully compatible with all USB cameras, including professional-grade as well as PTZ cameras, such as AVer, Logitech, Jabra, ClearOne, Huddly, HuddleCamHD, PTZOptics, Lumens, Marshall, and web cameras.

### Versatile SuperSpeed USB 3.0 proven technology

U-BRIDGE 3 WP supports all USB 3.0/2.0 devices. It is designed for use with up to 3 devices simultaneously, such as USB cameras, videobar, DSP, HID devices, whiteboards, microphones, audio devices, and any other high-bandwith USB devices (hard drives, flash drives or keyboards).

- Can be powered from either the PC host or the camera/device wall-plate end of this solution
- Provides plug-and-play convenience with no software drivers required
- Works with all major operating systems, including Windows, macOS, and Linux
- 5-year warranty for added peace of mind
- Enables device access and control of USB devices

## OVERVIEW

The U-BRIDGE 3 multi-device extender for any USB 3.0 device is the solution to interoperability challenges AV installers encounter when reliable long-distance USB camera extension is required. The U-BRIDGE 3 video camera and audio extender enables SuperSpeed USB 3.0 connections up to 100 m (330 ft.) over a single CAT6A cable.

### U-BRIDGE 3 – USB 3.0 multi-device extender

### High-performance USB connectivity
- USB 3.2 Gen 1/5Gbps backward-compatible with USB 3.1 Gen 1/3.0/2.0
- Reliable long-distance USB camera extension maintains high-quality, uncompressed video

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## HOW DOES IT WORK?

Extend your USB 3.0 devices to any INOGENI USB input, CODEC, or videoconferencing system.
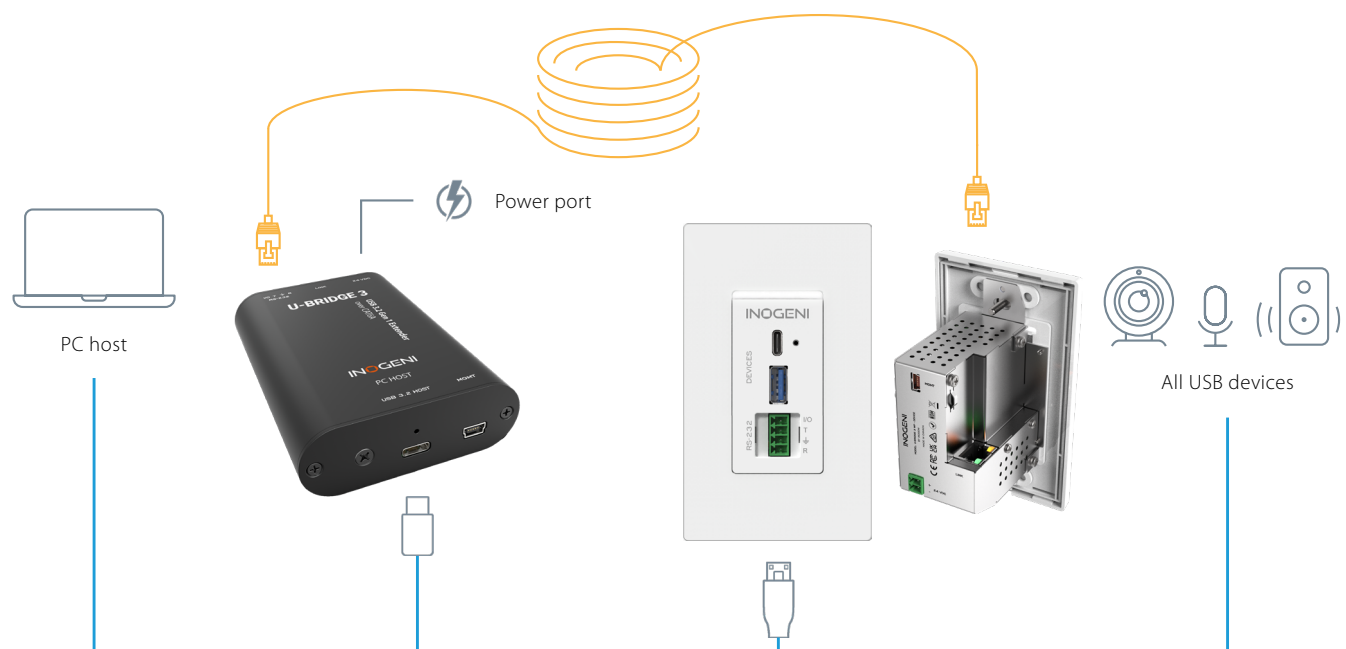
The U-BRIDGE 3 WP offers unmatched versatility and reliability and extends up to 3 USB 3.0 connections (1 USB-A and 1 USB-C) up to 100 m (330 ft.), far beyond the standard 3-meter cable limit. Designed specifically for USB 3.0 devices and systems, the U-BRIDGE 3 accommodates a range of peripherals, including cameras, microphones, audio devices, and more. Its backward compatibility with USB 2.0 ensures seamless integration with a variety of devices. It provides 1.8A that can be shared between USB ports to enhance functionality and convenience.
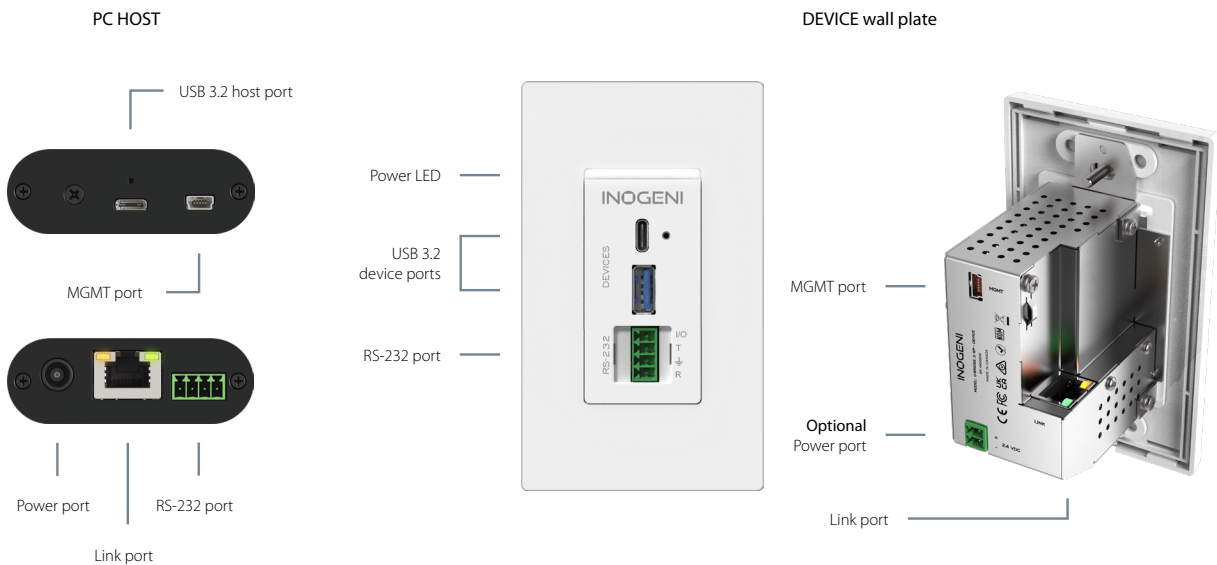
## WHAT'S IN THE BOX

- 1x PC HOST extender module
- 1x DEVICE wall plate extender module
- 1x USB 3.0 Type-C to Type-C cable
- 1x USB 3.0 Type-C to Type-A cable
- 1x USB-mini to USB-A cable
- 1x installation guide
- 2x mounting brackets for the power supply
- 1x mounting clip for the PCHOST module
- 2x 4-POS terminal blocks
- 1x 2-POS terminal block
- 8x black wood screws
- 1x 1-gang drywall clip
- 1x Decora plate (1-gang standard format)
- 1x power supply 100-240V AC Input, 24V 1.5A DC output
    - International power adapter with country-specific cord (North America, EU, UK, Australia/NZ, or Japan)

## FEATURED CONNECTORS

Extend USB 3.2 Gen 1 up to 100 m/330 ft.
over a single CAT6A cable



Power port

PC host

All USB devices

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## DEVICE INTERFACES

PC HOST

DEVICE wall plate

USB 3.2 host port

MGMT port

Power port

RS-232 port

Link port

Power LED

USB 3.2 device ports

RS-232 port

MGMT port

Optional Power port

Link port

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## TECHNICAL SPECIFICATIONS

### LINK

| | |
|---|---|
| Technology | HDBaseT-USB3 |
| Range | Direct connect up to 100 m (330 ft.) over CAT6A U/FTP |
| Medium | CAT6A U/FTP ([Discover the INO-CAT6A cable](#)) NOTE: We do not recommend using a crimp tool for attaching terminations. Instead, we highly recommend using toolless terminations to ensure the preservation of signal integrity. |

### PC HOST EXTENDER

| | |
|---|---|
| USB connector | 1x USB Type-C receptacle with mounting screw hole |
| Link connector | 1x RJ45 |
| Dimensions (W x L x H) | 7.0 cm x 9.7 cm x 2.3 cm 2.76" x 3.82" x 0.90" |
| Weight | 170 g (0.37 lb) |
| Mounting | Bracket provided |
| Enclosure material | Black anodized aluminum case |
| RS-232 connector | Passthrough serial connection By default, I/O pin is an input +1.8V logic (maximum) |

### USB

| | |
|---|---|
| Speeds | USB 3.2 Gen1 / USB 3.1 Gen1 / USB 3.0: Up to 5 Gbps USB 2.0: Up to 480 Mbps NOTE: USB-C DisplayPort Alternate Mode is not supported. |
| Transfers support | Bulk, isochronous, interrupt and control types Built-in hardware acceleration for isochronous and bulk transfers |

### DEVICE WALL PLATE EXTENDER

| | |
|---|---|
| USB connector | 1x USB-A receptable 1x USB-C receptacle with mounting screw hole |
| Link connector | 1x RJ45 |
| Available current | Up to 1.8A shared between ports |
| Dimensions (W x L x H) | 6.95 cm x 11.69 cm x 6.59 cm 2.74" x 4.60" x 2.59" |
| Weight | 190 g (0.42 lb) |
| Mounting | 1-gang wall plate |
| Enclosure material | Metal enclosure |
| RS-232 connector | Passthrough serial connection By default, I/O pin is an output GND or OPEN |

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## TECHNICAL SPECIFICATIONS – CONT.

### COMPATIBILITY

| | |
|---|---|
| Consumed USB tiers | Up to 2 tiers<br>In USB 2.0, USB devices connected are reported to the same USB tier<br>In USB 3.0, the device introduces two tiers in the USB path |

### PHYSICAL DETAILS

| | |
|---|---|
| Package dimensions (W x L x H) | 24.5 cm x 25 cm x 7.9 cm<br>9.69" x 9.84" x 3.11" |
| Power supply | 100-240V AC Input, 24V 1.5A DC output.<br>Apply at either PC HOST or DEVICE modules |
| Package weight | 1490 g (3.28 lb) |
| Package contents | 1x PC HOST extender module<br>1x DEVICE wall plate extender module<br>1x USB 3.0 Type-C to Type-C cable<br>1x USB 3.0 Type-C to Type-A cable<br>1x USB-mini to USB-A cable<br>1x installation guide<br>2x mounting brackets for the power supply<br>1x mounting clip for the PCHOST module<br>2x 4-POS terminal blocks<br>1x 2-POS terminal block<br>8x black wood screws<br>1x 1-gang drywall clip<br>1x Decora plate (1-gang standard format)<br>1x power supply 100-240V AC Input, 24V 1.5A DC output<br>International power adapter with country-specific cord (North America, EU, UK, Australia/NZ, or Japan) |
| Operating temperature | 0°C to 50°C / 32°F to 122°F |
| Storage temperature | -20°C to 70°C / -4°F to 158°F |
| Operating humidity | 20% to 80% relative humidity, non-condensing |
| Storage humidity | 10% to 90% relative humidity, non-condensing |

### INSTALLATION

| | |
|---|---|
| CAT6A cable | Integrated cable tie slot to secure the CAT6A cable to the device using your own tie wrap—for a clean, secure, and worry-free installation |
| Universal wall plate | Includes one Decora-style wall plate (North American 1-gang format), replaceable for custom installations or color matching |
| International | The U-BRIDGE 3 WP uses the standard North American 1-gang format, but it is also certified for international use (CE, FCC, UKCA, RoHS, IEC 62368, SoV, RCM, NOM) |

### INFORMATION

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|---|---|
| UPC code | 051497468057 |
| Origin | Canada |
| Warranty | 5 years |

### CERTIFICATIONS

| | |
|---|---|
| Certifications device | FCC, CE, UKCA, RoHS, IEC62368, SoV, RCM, NOM |
| Certifications – Power supply 36W | FCC, CE, UKCA, CB, UL, TUV, EMC |
| TAA-Compliant | Yes |

For technical support, contact us at support@inogeni.com

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