



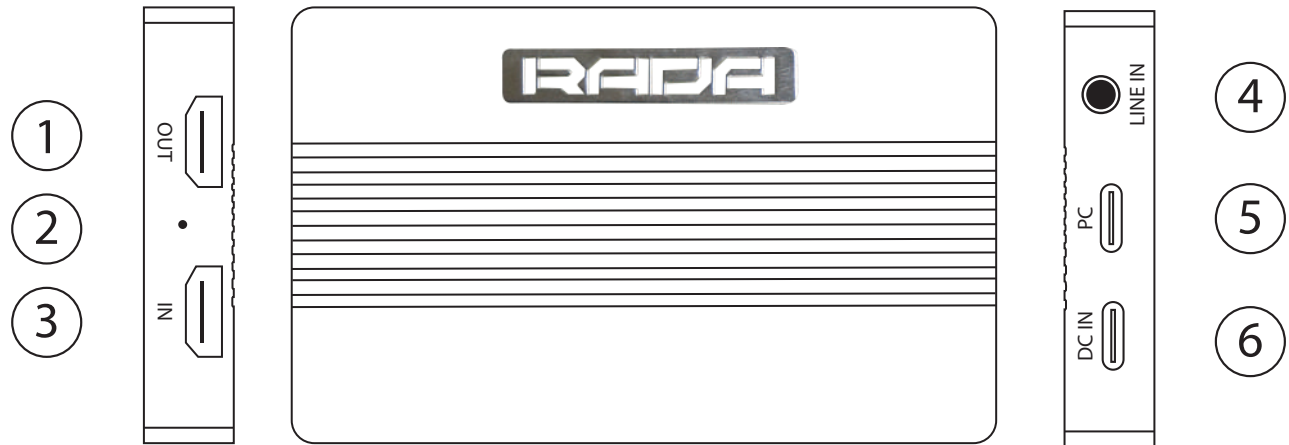
RADA



**RECORD, STREAM, AND
VIDEOCONFERENCE
WITH RADA BRIDGE**

A-BR02
HDMI to USB Bridge
QUICK INSTALLATION GUIDE

CONNECTION DIAGRAM



1. OUT - Loops the HDMI input signal. Connect to a display via HDMI to duplicate your original source.
2. LED - Shows the status of your A-BR02. Red light means power is on, green means the USB output is in active use.
3. IN - Input for your original HDMI device. Connect it here to convert it into USB.
4. LINE IN - Connect a microphone if you would like to add an extra audio layer to the converted HDMI audio (3.5mm TRS).
5. PC - Connect this USB Type-C output to a computer or mobile device in order to use the A-BR02 as a webcam and microphone on it.
6. DC IN - Connect a PD3.0 charger with a USB 3.2 Type-C cable to power the A-BR02 and charge the mobile device using it.

How to select the A-BR02 HDMI-to-USB Bridge in various applications

Regardless of the application you are using A-BR02 with, you must connect the 'PC' output to your computer or mobile phone running it.

Microsoft Teams Windows PC application

Step 1. Open the Microsoft Teams app. Either join or start a meeting.

Step 2. If joining a meeting, Teams will prompt you to select your camera and microphone. Select 'RADA Bridge' to use it as a camera and/or microphone.

Alternatively, if hosting a meeting or selecting the device later, press 'More'

-> 'Settings' -> 'Device Settings' and select 'RADA Bridge' in the Audio Settings and in Video Settings.

Zoom Windows PC application.

Step 1. Open the Zoom PC app. Either join or start a meeting.

Step 2. If joining a meeting, a preview of your current camera will appear. Click on the arrow next to 'Stop Video' to open settings. Change the camera to 'RADA Bridge' to use it as a webcam and select it as a microphone in 'Audio' if needed.

Alternatively, if hosting a meeting or selecting the device later, left-click on your profile picture -> 'Settings' -> change the device to 'RADA Bridge' in 'Video' and/or 'Audio'.

OBS

Step 1. In a scene of your choosing, right-click on 'Sources' then click on 'Add' -> 'Audio Input Capture'. Give it a name and press 'OK'.

Step 2. Select 'RADA Bridge' from the list to use it as a microphone and press 'OK'.

Step 3. Repeat the first step, but select 'Video Capture Device' to use 'RADA Bridge' as a camera from the list.

Step 4. Either press 'OK' to start using the bridge immediately, or change its resolution and other parameters in the 'Properties' window. You can return to this menu later by right-clicking the created Video Capture Device and selecting 'Properties'.

A-BR02 HDMI to USB Bridge can be used in the same way in many other applications. Just select it as your camera and/or microphone and enjoy!

Please note that the separate DC power requires using a PD3.0 power supply and USB 3.2 Type-C cables.

Package Contents

1x A-BR02 HDMI to USB Bridge.

1x USB 3.0 Type-C to Type-C and Type-A Cable.

1x Quick Installation Guide.

TECHNICAL SPECIFICATIONS

Model Name	A-BR02
Video Input	1x HDMI 1.4
Audio Input	1x HDMI 1.4, 1x 3.5mm Line In (TRS)
Video and Audio Output	1x HDMI 1.4 (Loop through) 1x USB 3.2 (Gen 1) Type-C
Supported resolutions and codecs	3840 x 2160p30 (MJPEG/NV12/I420) 2560 x 1440p60/50/30 (MJPEG/NV12/I420/YUY2) 2560 x 1080p60/50/30 (MJPEG/NV12/I420/YUY2) 1920 x 1080p120 (MJPEG/NV12/I420) 1920 x 1080p60/50/30 (MJPEG/NV12/I420/YUY2/XRGB) 1280 x 720p60/50 (MJPEG/NV12/I420/YUY2/XRGB)
Power Supply	5V 2A via USB Type-C PD3.0 (Type-C) 20V5A charging port
Dimensions	97mm x 59mm x 15mm
Weight	100g
Package Contents	A-BR02 HDMI to USB Bridge, 1x USB 3.0 Type-C to Type-C and Type-A Cable, 1x Quick Installation Guide

