Recommended third-party USB devices for use with Devio

All Devio models (CR-1, SCR-20, and SCR-25) feature a primary USB 3.0 Type-B port for connecting Devio to a host computer, as well as three additional USB Type-A ports for connecting peripheral devices to the host computer via Devio’s internal USB hub.

The primary, USB 3.0 Type-B port (indicated below on a CR-1) is located in the same position on the front of all Devio models:

On all Devio models, there are two USB Type-A ports on the front of the unit, and one USB Type-A port on the back of the unit. On the CR-1, shown below, the USB Type-A port on the back of the unit is a USB 2.0 port, while on the SCR-20 and SCR-25 it is a USB 3.0 port. All USB 3.0 ports on Devio are backwards-compatible with USB 2.0 ports on host computers or USB peripheral devices. The USB Type-A ports on the front and back of Devio units are intended for connecting devices such as USB webcams to the host computer via Devio’s internal USB hub.

This article contains a partial list of third-party USB devices that are known to be compatible with Devio. The USB devices listed here have either been informally tested with Biamp Devio products by Biamp’s Devio Support team\(^1\), or anecdotaly shown to be successful in real-world field installations. While other third-party USB devices may function with Devio, these are the only ones that are currently recommended.

If there are third-party USB devices that you would like to see added to this page, please contact DevioSupport@biamp.com.

USB extenders

USB extenders are useful when the distance between a Devio unit and the host PC is farther than the standard USB cable length limitation. Some extenders are compatible with both USB 2.0 and 3.0 ports, but others are only compatible with USB 3.0 ports. All extenders listed below have been informally tested by Biamp's Devio Support team\(^1\).
If considering third-party USB solutions other than those listed below, bear in mind that the device must support isochronous data transfer in order to successfully carry audio over USB.

If USB 3.0 options are used they must be backwards compatible with USB 2.0 devices.

**USB 2.0 options**

The USB extension options available in this section have been shown in our testing to function successfully when connected to a USB 2.0 port.

- Icron Ranger 2201
- Icron Ranger 2211

**USB 2.0 / 3.0 options**

The USB extension options available in this section have been shown in our testing to function successfully when connected to either a USB 3.0 or USB 2.0 port.

- Icron Ranger 2304
  - Note that this device will accept signals from USB 3.0 ports and devices, but all signals will be automatically converted to USB 2.0 for transmission.

- Coming USB 3.Optical Cable
  - This cable cannot feed power to USB peripherals. Depending on the USB peripheral's needs, it may be necessary to connect it to a powered hub or wall socket for power.

- Lindy USB 3.0 Active Extension Cable
  - This cable contains a connection point for attaching an optional power supply. This would be intended to power USB peripherals requiring external power, and is not needed to simply connect a host computer to the Devio system.

**USB switchers**

Multiple computers can be connected to a single Devio unit via a third-party USB switcher device. Keep in mind that only one computer can be the active host computer for Devio at any given time. USB switchers allow users to select which is the active host computer via a button press. This can be particularly useful for scenarios in which there is a permanent in-room computer, but users also want the option of bringing in their own laptops.

**Note:** Switching from one active computer to another is effectively the same as disconnecting/connecting USB devices to and from these computers. To ensure a seamless user experience, it is recommended not to switch between host computers while actively utilizing Devio's audio or peripherals, such as during a conference call or media playback.

All switchers listed below have been informally tested by Biamp's Devio Support team\(^1\). If considering USB
switching solutions other than those listed below, bear in mind that the device **must** support isochronous data transfer in order to successfully carry audio over USB.

### USB 2.0 *only* options

- **Extron SW4 USB**
  - Can connect up to 4 host computer devices to a single Devio
    - The SW2 USB model was not specifically tested, but should also be expected to function with Devio. It can connect up to 2 host computer devices to a single Devio unit
  - Host computer selection persists regardless of which devices are connected or disconnected from the switcher
  - Switching can be triggered via contact closure

### USB 3.0 *only* options

- **Plugable USB 3.0 Sharing Switch**
  - Can connect up to 2 host computer devices to a single Devio
  - Automatically selects Input 1 as the active host computer if the computer connected to Input 2 is removed

### USB cameras

Third-party USB cameras can be connected to Devio's Type-A USB ports in order to reach the host computer via Devio's built-in USB hub. Any USB camera that will function through a standard USB hub should be able to function when connected through a Devio unit.

Below are listed any USB cameras that have been either tested in-house at Biamp, or validated by use at real-world customer installation sites.

### Validated USB cameras

The following USB cameras have been informally tested by Biamp's Devio Support team, and were found to function successfully when connected to a host computer via the USB ports of a Devio.

- **Logitech PTZ Pro 2**
- **Logitech Brio**
- **Logitech Webcam C930E**
- **Logitech HD Webcam C615**
- **Panacast 2**
- **Polycom CX5100**
Unofficially validated USB cameras

The following USB cameras have not been tested by Biamp's Devio Support team, but have been reported to be successfully implemented in real-world Devio installations.

- Microsoft LifeCam Studio
- Microsoft LifeCam HD-3000

1. Manufacturer specifications can change without notice. Biamp Systems strives to keep this list up to date, but is not always made aware of changes made by third parties to the USB devices referenced, and therefore Biamp Systems cannot guarantee compatibility with any of the products listed on this page.