



**Q:** What does the USB3-1x2™ do?

**A:** This module provides smart switching between a USB camera and two USB host computers. This allows a single integrated camera/speaker/mic system to automatically switch over from a resident room PC to a guest laptop for soft codec applications. Switching can be automatic, or manually controlled by a button or third party control system.

**Q:** What do the LEDs indicate?

**A:** The Power LED should be solid green and indicates that the device is powered and operating normally. The Host 1/Host 2 LEDs correlate to the USB Host 1/Host 2 ports and indicate the following:

|              |                      |
|--------------|----------------------|
| Solid Green  | Connected & Active   |
| Solid Orange | Connected & Inactive |
| Off          | Not Connected        |

**Q:** Do I need an external power supply for the USB3-1x2™?

**A:** The USB3-1x2™ is powered from the host PC in most instances and does not require an external power supply. The exception is when you're using the +12VDC output jack to power a camera. In this case an external WPS-12™ power supply is required.

**Q:** How does the USB Host Switch 2-pin connector work?

**A:** This is an input designed to be used with a third party control system. The input is active low and includes an internal pull-up. It has two modes of operation depending on the state of DIP switch 2. With DIP switch 2 OFF, the input acts the same as the front USB Host Toggle button. That is, a momentary short of the pins will toggle to the other USB host if both hosts are connected. With DIP switch 2 ON, this becomes a binary-style input. In the "open" state USB Host 1 is active, while in the "closed" state USB Host 2 is active. Only one host is active at any given time.

**Q:** What do the DIP switches do?

**A:** The following chart shows the functions of the 4 position DIP switch:

| Switch | Function                | OFF                                   | ON                               |
|--------|-------------------------|---------------------------------------|----------------------------------|
| 1      | +12VDC Output           | Disabled                              | Enabled <sup>1</sup>             |
| 2      | 2-Pin External Control  | Toggle mode Enabled (Momentary input) | Binary mode Enabled <sup>2</sup> |
| 3      | Reserved for future use |                                       |                                  |
| 4      | Reserved for future use |                                       |                                  |

<sup>1</sup> WPS-12™ power supply is required in this mode.  
<sup>2</sup> USB Host Toggle front button is disabled in this mode.