

U-CAM

Solve USB tier limitations with U-CAM's new application!

Did you know that excessive USB tiers (hubs) can disrupt video and audio performance, causing connectivity issues and bandwidth bottlenecks? In multi-USB device setups, these hidden limitations often lead to unreliable signal transmission—especially when using extenders.

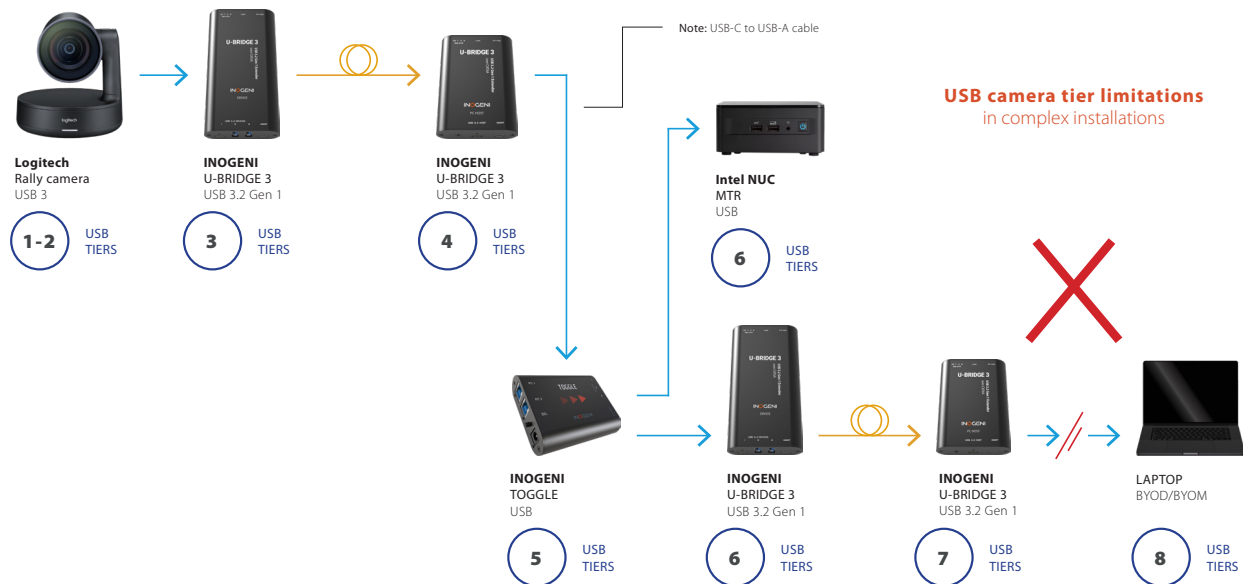
The challenge: Too many USB hubs in large AV setups

Large conference rooms and AV installations often require multiple USB devices—such as cameras, microphones, and switches—to function seamlessly. However, when a videoconferencing camera is connected through a USB extender, followed by a USB switcher, another extender, and finally to the laptop, the USB hub tiers multiply. This excessive layering of USB devices can cause serious performance issues, including:

- Bandwidth limitations that impact video and audio quality
- Connection instability that causes devices to drop or fail to be recognized
- Complex troubleshooting that makes installations harder to manage

The hidden challenges of USB tiers

Excessive USB tiers (hubs) can cause connectivity issues, bandwidth limitations, and device compatibility problems, leading to unreliable video and audio performance.

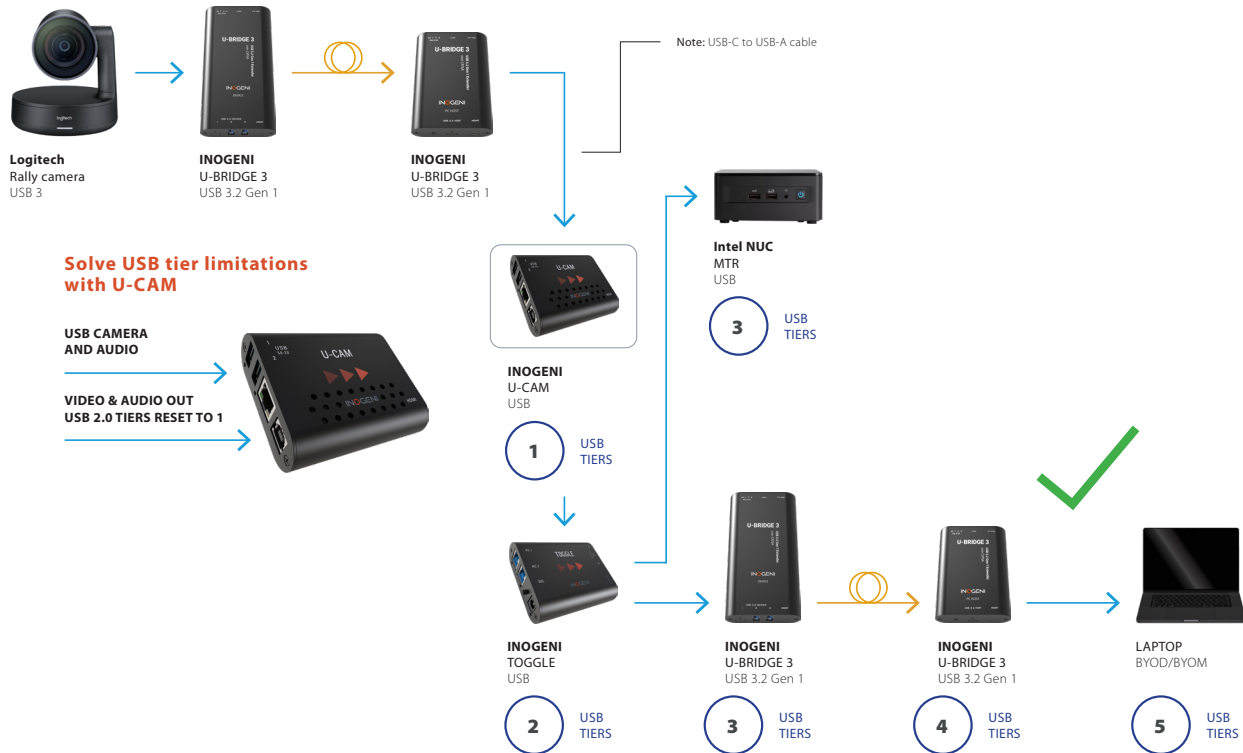


The solution? INOGENI's U-CAM – The USB tier resetter

U-CAM optimizes USB 2.0 video and audio feeds by effectively **resetting USB hub tiers** behind its processing unit. Instead of cascading multiple USB hubs and extenders, **U-CAM re-encodes video and audio into a fresh USB composite device**, significantly improving connectivity and stability. This ensures a **stable, seamless connections** to your laptop without overwhelming the USB structure.

Optimize USB 2.0 video and audio feeds with U-CAM

Achieve seamless multi-USB device integrations by using U-CAM to hide USB tiers, ensuring reliable laptop connections without excessive hubs or extenders.



Key considerations

- **Limited camera control:** Intelligent camera control (e.g., speaker tracking, auto-framing) will not be supported in Teams or Zoom when U-CAM is in the signal path.
- **Device visibility:** Some PC applications may not detect the end-camera when routed through U-CAM.
- **Compatibility scope:** U-CAM works with cameras and audio devices but does not translate HID interfaces (e.g. touchscreen controls).
- **Clarification on functionality:** U-CAM does not reset all USB tiers—it re-encodes video and audio into a new USB device for improved performance.

Elevate your video meeting experiences with a smart USB solution designed for complex installations.

Visit the [U-CAM product page](#).