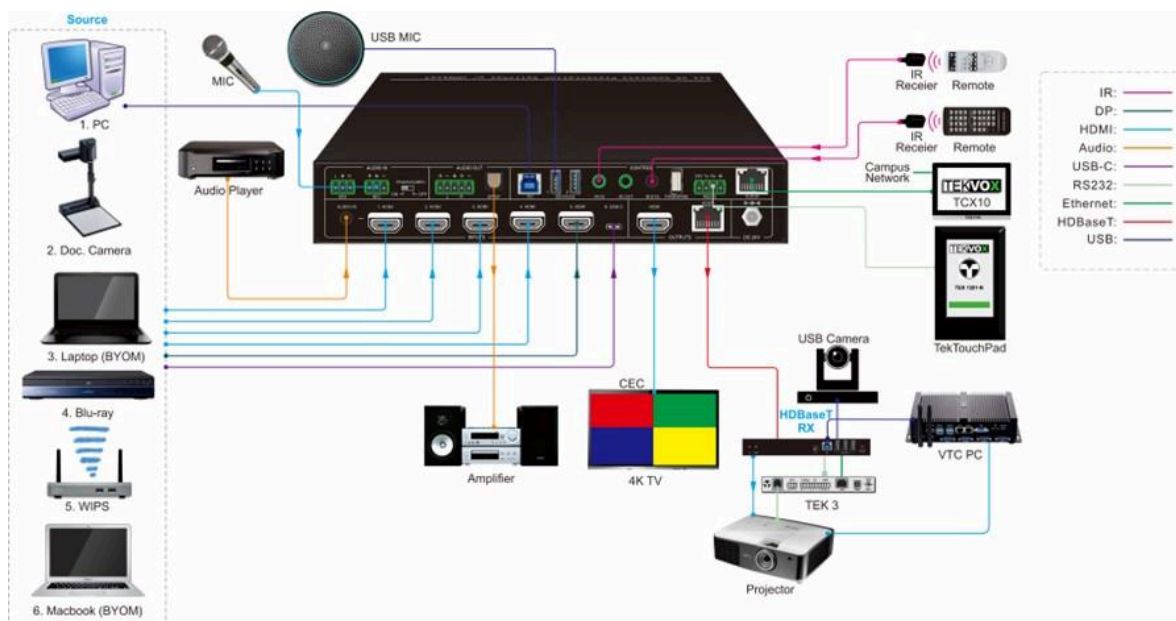The 1201-MV+ is a universal switcher that supports BYOM. It features 4Kx2K@60Hz 4:4:4, flexible multiview modes, and six video inputs: five HDMI, and one powered USB-C. The HDMI output can be configured to mirror the HDBaseT output or preview the HDMI 1 input. The HDBaseT 3.0 output can travel up to 328 feet (100m) without any additional amplification, and supports PoC for remotely powering the receiver.

The 1201-MV+ also features automatic source detection & switching, can power displays on and off using CEC or RS232, and offers versatile multiview for showing up to four sources on-screen simultaneously. The universal switcher can extend USB 3.0 signals—such as cameras and microphones—making them available to the system PC or a connected laptop at either end of the HDBaseT cable path. The 1201-MV+ is available with or without its hub/receiver.

1201-MV+
79033-MV+ Data Sheet

Features

Video

- 5 HDMI inputs & 1 USB-C input with 60W charging
- EDID settings for all inputs – Default is 1080P/60
- Supports an Auto-Switching mode with automatic display power
- Supports HDMI 2.0 & HDBaseT 3.0, with output resolutions up to 4Kx2K @ 60Hz 4:4:4
- 12 flexible multiview configurations for showing up to 4 sources at once
- Breakaway HDMI output can preview the HDMI 1 input or mirror the HDBaseT output

Audio

- Independent audio input selection during Multiview operation
- Supports both source and mic levels
- Mic with phantom power selection
- Line input for mic mixing

Control

- Controllable via RS232, IR remote, front panel buttons, or TCP/IP commands
- RS232 and TCP/IP use a unique, easy-to-use ASCII protocol
- Two RS232 control modes:
  - Control of the switcher from both the switcher and hub/receiver (Default)
  - Sending RS232 display commands with baud rate setting to the hub/receiver
- Supports sending TEVOX Macro commands for TekMonitor control
- CEC control of displays and receivers
- User-defined CEC commands
- RS232 Command entry for display power
- Bridge 100M LAN network allows for single network connection to switcher and 3rd party devices at hub/receiver
- Selectable POC (Power over Cable) control for the hub/receiver

USB

- Supports BYOM via bidirectional USB 3.0 KVM switch for connecting USB devices
- Supports USB Host PC installed at either end of HDBaseT cable path
- Provides PC or connected laptop access to far-end USB devices (cameras, microphones, etc)
- Includes USB-B and USB-C connections for host devices, with selectable auto-switching

1201-MV+
79033-MV+ Data Sheet

1201-MV+ Universal Switcher	
Inputs	5 HDMI (19-pin, Female) 1 USB-C (USB Type-C, Female, Powered)
Input Resolutions	**HDMI 1 ~ 4**: Up to 4Kx2K @ 60Hz 4:4:4, HDR 10 **HDMI 5**: Up to 4Kx2K @ 30Hz 4:4:4 **USB-C**: Up to 4Kx2K @ 30Hz 4:4:4
Outputs	1 HDMI (19-pin, Female) 1 HDBaseT (RJ-45, Female)
Output Resolutions	**HDMI**: Up to 4Kx2K @ 60Hz 4:4:4 **HDBaseT**: Up to 4Kx2K @ 60Hz 4:4:4
Video Standards	**HDMI**: 2.0 **HDCP**: 2.2 **HDBaseT**: 3.0
Audio Inputs	1 Audio In (3.5mm mini jack) 1 LINE In (3-pin Phoenix) 1 MIC In (3-pin Phoenix)
Frequency Response	20 Hz ~ 20 kHz, ±3dB
Input Impedance	> 10kΩ
Audio Input Formats	**Audio/LINE/MIC**: PCM 2.0 **HDMI Audio**: PCM 2.0 48K
Audio Output	1 L+R (5-pin Phoenix, balanced stereo) – PCM2.0
Control Ports	1 PC (USB 3.0 Type-B) 2 Devices (USB 3.0 Type-A) 3 IR: IR In, IR Out, IR Eye (3.5mm mini jack) 1 Firmware (USB 2.0, Type-A) 1 RS-232 (4-pin Phoenix) 1 Ethernet TCP/IP (RJ-45)
Transmission Distance	4Kx2K @ 60Hz 4:4:4 / 1080p: 328 feet (100m)
HDBaseT Bandwidth	**LAN**: 100Mbps **USB**: 350 Mbps
Temperature	23 ~ 131°F (-5 ~ 55°C)
Humidity	10 ~ 90%, non-condensing
Power Supply	**Input**: 100 ~ 240 VAC, 50/60Hz **Output**: DC 24V, 5A
Power Consumption	90W (Max)
USB-C Power Charging	60W (Max)
Product Dimensions	9.8" (250mm) x 1.7" (44mm) x 7.9" (200mm)
Product Weight	3.53 lbs (1.6kg)

1201-MV+ Hub Receiver	
Inputs	1 HDBT (RJ45)
Input Resolutions	Up to 4K@60Hz 4:4:4
Outputs	1 HDMI (Type-A, Female)
Output Resolutions	Up to 4K@60Hz 4:4:$
Video Standards	**HDMI**: 2.0 **HDCP**: 2.2 **HDBaseT**: 3.0
Frequency Response	20Hz to 20kHz, ±1dB
Audio Output	1 SPDIF OUT (Toslink) / PCM 2.0
Control Ports	1 PC (USB 3.0 Type-B) 3 Devices (USB 3.0 Type-A) 1 FW (Micro USB) 2 IR: IR In, IR Out (3.5mm mini jack) 1 RS-232 (3-pin Phoenix) 1 Ethernet TCP/IP (RJ-45)
Power Supply	Power over Cable (PoC); no external power supply
Power Consumption	PoC with 12~48V range, 10W (Max)
Product Dimensions	6.6" (168mm) x 0.9" (23mm) x 5.3" (135mm)
Product Weight	1.1 lbs (500g)

Specifications are subject to change without notice