



# ARD-0301-A00-TX + ARD-1007-A02-RX

## 3 to 1 KVM Switch Extender



In most cases, a KVM switch allows a user to control multiple computers from one set of keyboard, video monitor, and mouse in the same room or from a short distance away. Arista has developed a 3 to 1 KVM switch extender, a transmitter (ARD-0301-A00-TX) pairing with a receiver (ARD-1007-A02-RX), allows a user to access up to 3 computers or video sources up to 330 feet away remotely. ARD-0301-A00-TX is a power source equipment (PSE) unit and contains a 3 to 1 UHD 4K HDMI and USB 2.0 switch, plus an HDBaseT transmitter with PoE capability. This unit extends UHD 4K HDMI and USB signal via Cat 6 cable up to 330 feet.

ARD-0301-A00-TX resides at the location of the 3 computers or video sources and is connected to the remote ARD-1007-A02-RX via a single CAT 6 cable. The receiver in turn connects to the LCD display, keyboard and mouse. The user can switch the KVM between three computers by pressing the selection switch on ARD-1007-A02-RX and the 7-segment LED on ARD-1007-A02-RX will display the selected channel. This pair of devices is a perfect solution for an audio editing / recording application that requires keeping noisy computers away from the audio studio where silent operation is key.



ARD-1007-A02-RX is an HDBaseT receiver that was designed to work with ARD-0301-A00-TX and future multiple channel KVM switch extenders. ARD-1007-A02-RX is a PD device that is powered by PoE. ARD-1007-A02-RX has a channel selection switch on the front panel, the user can select one out of three video and USB sources by pressing the channel selection switch, ARD-1007-A02-RX communicates with ARD-0301-A00-TX in order to switch to desired channel and the selected channel will be displayed on the 7-segment LED display. This 3 to 1 KVM Switch Extender allows the operator to access / control up to three computers from a single KVM console at a remote location, saving space and reducing clutter on the user's desktop and creating a more efficient, quiet, and clean workspace by centralizing server management in one space.

ARD-1007-A02-RX has one HDMI output to support 1080 or 4K resolution LCD display and 4 USB ports for keyboard, mouse, touch screen, USB drive and other USB devices. The user does not need to walk to the location where computers are located; user can upload data, download data and install software remotely. ARD-1007-A02-RX is an HDBaseT receiver and is powered by PoE. Paring with ARD-0301-A00-TX, the ARD-1007-A02-RX does not require a power supply to operate.



ARD-0301-A00-TX is a 3 to 1 KVM switch with HDBaseT extender, three HDMI inputs and three USB 2.0 type B connectors enable connecting up to three computers or 4K video sources. The KVM switch output is connected to an HDBaseT transmitter internally and extends KVM signal via CAT 6 cable up to 330 feet. This transmitter has a built-in PoE ejector that provides power to the receiver and eliminates a power supply requirement for the receiver.