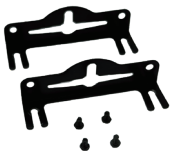
300M R096-SWT-FMB-301-KHD

4K/60Hz 3 × 1 presentation switch with HDMI/DisplayPort/USB-C + USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 300m / 1000 ft via duplex multi-mode LC fiber cable with single HDMI output receiver

Description

Transmits up to 4K/60Hz 4:4:4. Switches between HDMI, DisplayPort, and USB-C inputs via IR control for seamless operation. Offers bi-directional USB 1.1 (keyboard/mouse) or optional RS-232 over a single LC duplex single-mode fiber up to 300 m / 1000 ft at 4K/60Hz. Supports 3D and 4:4:4 color space. Requires DC 5 V / 2 A power.



Mouting Brackets

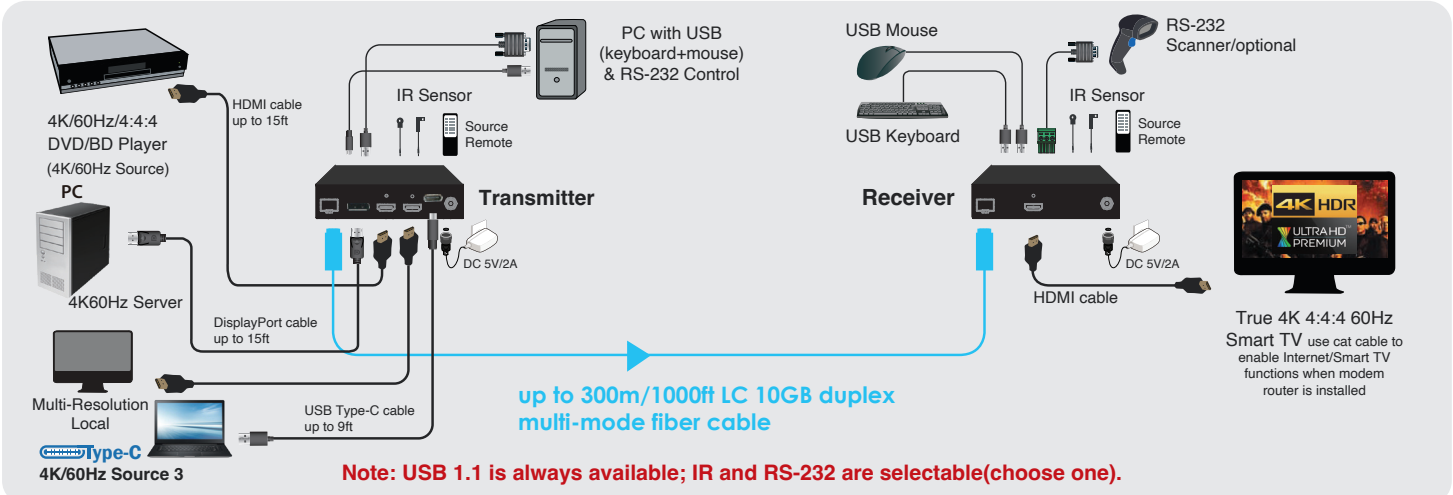
Features

- Support 1 HDMI, 1 DisplayPort, and 1 USB Type-C Inputs by auto detectable switch
- Supports up to 7.1ch surround sound audio,
- Supports resolution up to 4K/60Hz/4:4:4, HDR Ultra HD premium Blu-ray, 4K/30Hz 4:4:4 and 1080P/60Hz.
- Multi-Resolution Local output port supports either 4K/60Hz/4:4:4 (source and display must be 4K/60Hz/4:4:4 HDR) or 1080p/60Hz resolution 300M
- 3D Ready, HDCP 2.2 and supported HDMI 2.0 specification
- Supports USB1.1 with selectable IR or RS-232 functionality
- Receiver supports HDMI output.
- Detachable fiber/transceiver module design
- Product dimension : 5.04 x 3.94 x 1.17 (inch)

Accessory

- International power adapter x 1 set
- Surface mounting brackets x 2 sets
- IR-IN & IR-OUT cable x 1pair

Application Diagram



Note: USB 1.1 is always available; IR and RS-232 are selectable(choose one).

Part Number	Description	IR	RS232	USB	HDR	TX Local HDMI OUT	Distance
R096-SWT-FMB-301-KHD	4K/60Hz 3 × 1 presentation switch with HDMI/ DisplayPort/USB-C + USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 300m / 1000 ft via duplex multi-mode LC fiber cable with HDMI receiver	■	■	■	■	■	300M/1000ft

10KM R096-SWT-FSB-301-KHD

4K/60Hz 3 × 1 presentation switch with HDMI/DisplayPort/USB-C + USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 10Km / 32800 ft via duplex single-mode LC fiber cable with single HDMI output receiver

Description

Transmits up to 4K/60Hz 4:4:4. Switches between HDMI, DisplayPort, and USB-C inputs via IR control for seamless operation. Offers bi-directional USB 1.1 (keyboard/mouse) or optional RS-232 over a single LC duplex single-mode fiber up to 10Km / 32800 ft at 4K/60Hz. Supports 3D and 4:4:4 color space. Requires DC 5 V / 2 A power.

Mouting Brackets

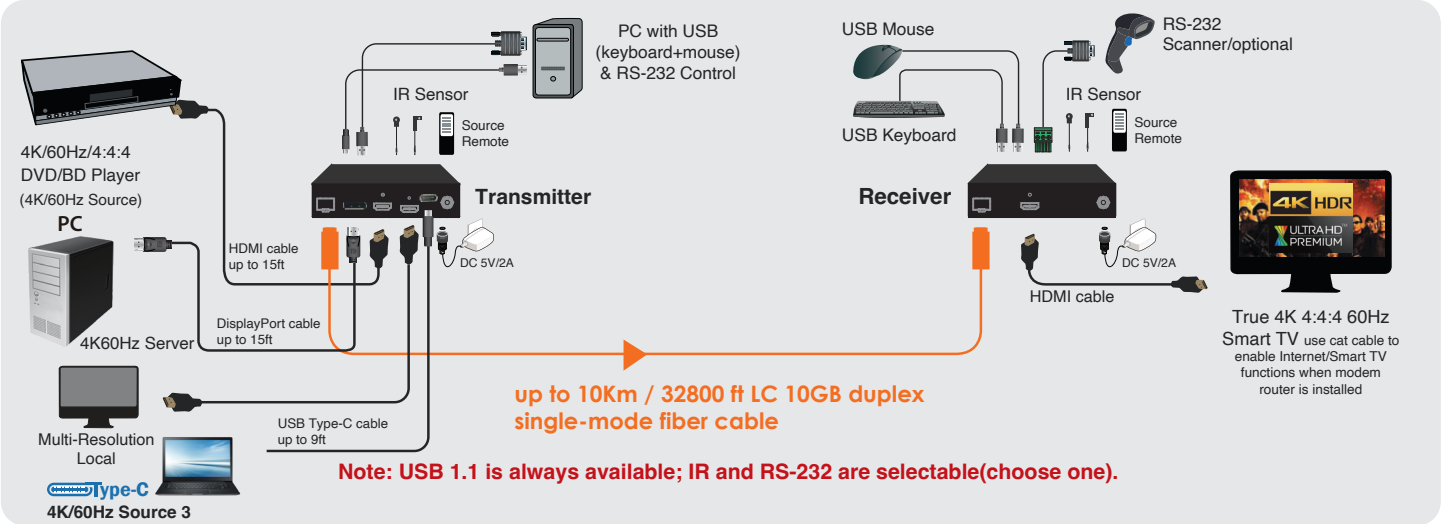
Features

- Support 1 HDMI, 1 DisplayPort, and 1 USB Type-C Inputs by auto detectable switch
- Supports up to 7.1ch surround sound audio
- Supports resolution up to 4K/60Hz/4:4:4, HDR Ultra HD premium Blu-ray, 4K/30Hz 4:4:4 and 1080P/60Hz.
- Multi-Resolution Local output port supports either 4K/60Hz/4:4:4 (source and display must be 4K/60Hz/4:4:4 HDR) or 1080p/60Hz resolution 300M
- 3D Ready, HDCP 2.2 and supported HDMI 2.0 specification
- Supports USB1.1 with selectable IR or RS-232 functionality
- Receiver supports HDMI output.
- Detachable fiber/transceiver module design
- Product dimension : 5.04 x 3.94 x 1.17 (inch)

Accessory

- International power adapter x 1 set
- Surface mounting brackets x 2 sets
- IR-IN & IR-OUT cable x 1pair

Application Diagram



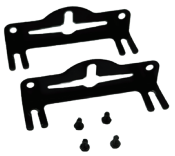
Part Number	Description	IR	RS232	USB	HDR	TX Local HDMI OUT	Distance
R096-SWT-FSB-301-KHD	4K/60Hz 3 × 1 presentation switch with HDMI/ DisplayPort/USB-C +USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 10Km / 32800 ft via duplex single-mode LC fiber cable with HDMI receiver	■	■	■	■	■	10Km / 32800 ft

300M R096-SWT-FMB-301-K102HD

4K/60Hz 3 × 1 presentation switch with HDMI/DisplayPort/USB-C + USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 300 m/1000 ft via duplex multi-mode LC fiber cable with dual HDMI outputs receiver

Description

Transmits up to 4K/60Hz 4:4:4. Switches between HDMI, DisplayPort, and USB-C inputs via IR control for seamless operation. Offers bi-directional USB 1.1 (keyboard/mouse) or optional RS-232 over a single LC duplex single-mode fiber up to 300 m / 1000 ft at 4K/60Hz. Supports 3D and 4:4:4 color space. Requires DC 5 V / 2 A power.



Mouting Brackets

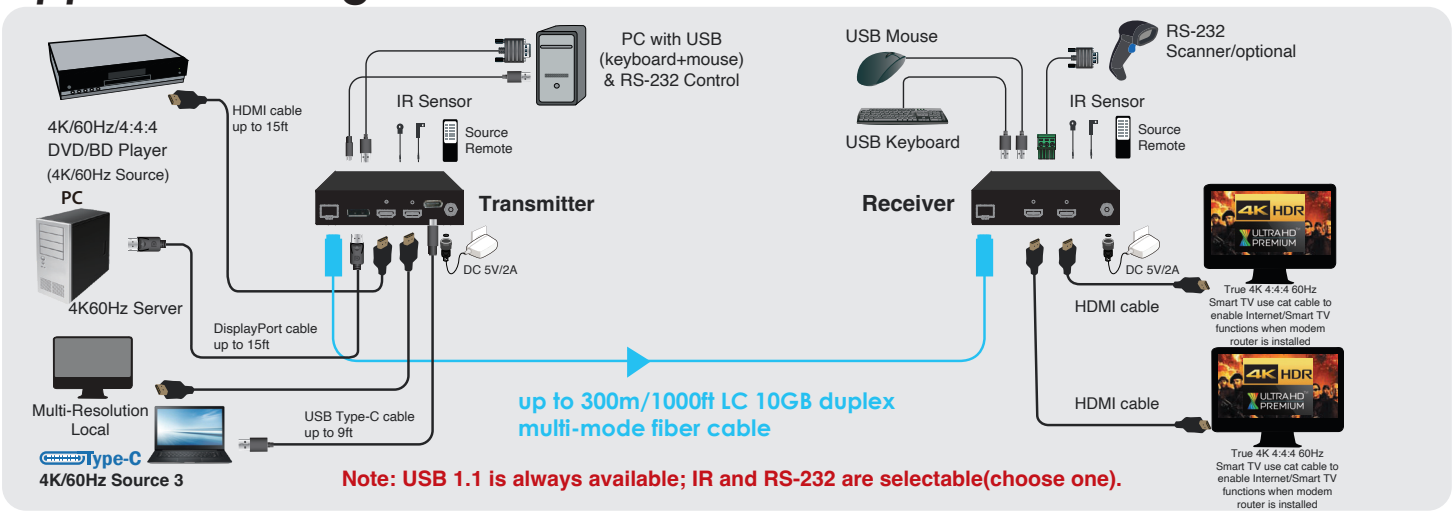
Features

- Support 1 HDMI, 1 DisplayPort, and 1 USB Type-C Inputs by auto detectable switch
- Supports up to 7.1ch surround sound audio,
- Supports resolution up to 4K/60Hz/4:4:4, HDR Ultra HD premium Blu-ray, 4K/30Hz 4:4:4 and 1080P/60Hz.
- Multi-Resolution Local output port supports either 4K/60Hz/4:4:4 (source and display must be 4K/60Hz/4:4:4 HDR) or 1080p/60Hz resolution 300M
- 3D Ready, HDCP 2.2 and supported HDMI 2.0 specification
- Supports USB1.1 with selectable IR or RS-232 functionality Receiver supports two HDMI output.
- Detachable fiber/transceiver module design
- Product dimension : 5.04 x 3.94 x 1.17 (inch)

Accessory

- International power adapter x 1 set
- Surface mounting brackets x 2 sets
- IR-IN & IR-OUT cable x 1pair

Application Diagram



Part Number	Description	IR	RS232	USB	HDR	TX Local HDMI OUT	Distance
R096-SWT-FMB-301-K102HD	4K/60Hz 3 × 1 presentation switch with HDMI/ DisplayPort/USB-C + USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 300m / 1000 ft via duplex multi-mode LC fiber cable with two HDMI output receiver	■	■	■	■	■	300M/1000ft

10KM R096-SWT-FSB-301-K102HD

4K/60Hz 3 × 1 presentation switch with HDMI/DisplayPort/USB-C + USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 10Km / 32800 ft via duplex single-mode LC fiber cable with dual HDMI outputs receiver

Description

Transmits up to 4K/60Hz 4:4:4. Switches between HDMI, DisplayPort, and USB-C inputs via IR control for seamless operation. Offers bi-directional USB 1.1 (keyboard/mouse) or optional RS-232 over a single LC duplex single-mode fiber up to 10Km / 32800 ft at 4K/60Hz. Supports 3D and 4:4:4 color space. Requires DC 5 V / 2 A power.

Mouting Brackets

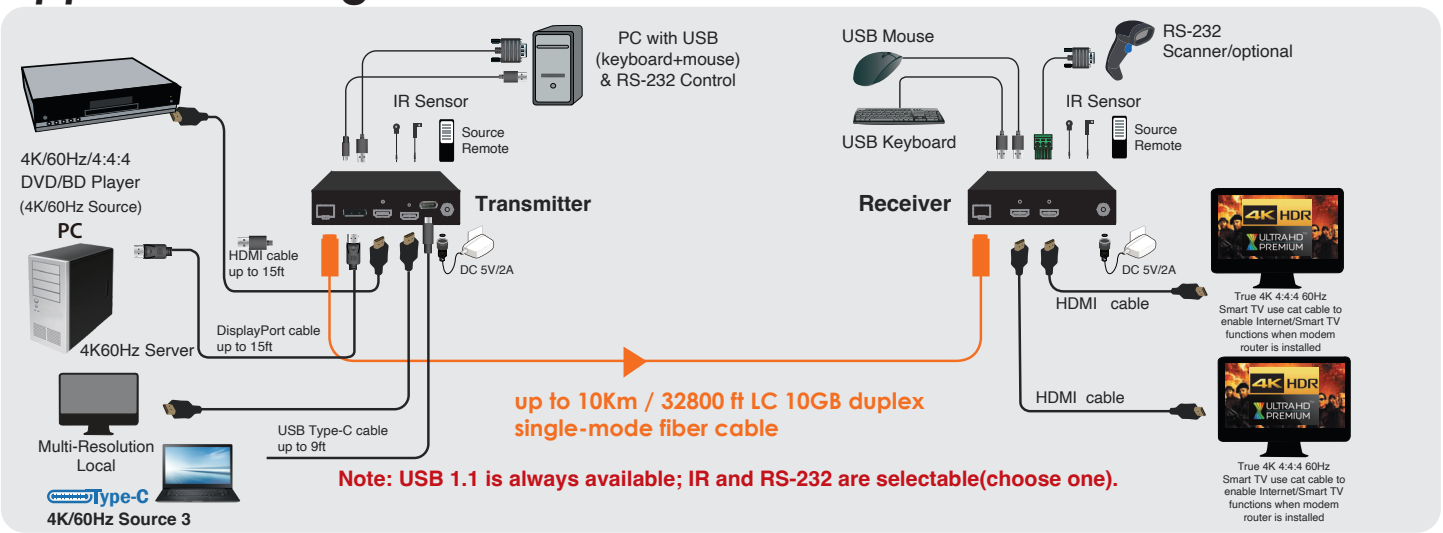
Features

- Support 1 HDMI, 1 DisplayPort, and 1 USB Type-C Inputs by auto detectable switch
- Supports up to 7.1ch surround sound audio
- Supports resolution up to 4K/60Hz/4:4:4, HDR Ultra HD premium Blu-ray, 4K/30Hz 4:4:4 and 1080P/60Hz.
- Multi-Resolution Local output port supports either 4K/60Hz/4:4:4 (source and display must be 4K/60Hz/4:4:4 HDR) or 1080p/60Hz resolution 300M
- 3D Ready, HDCP 2.2 and supported HDMI 2.0 specification
- Supports USB1.1 with selectable IR or RS-232 functionality
- Receiver supports two HDMI output.
- Detachable fiber/transceiver module design
- Product dimension : 5.04 x 3.94 x 1.17 (inch)

Accessory

- International power adapter x 1 set
- Surface mounting brackets x 2 sets
- IR-IN & IR-OUT cable x 1pair

Application Diagram



Part Number	Description	IR	RS232	USB	HDR	TX Local HDMI OUT	Distance
R096-SWT-FSB-301-K102HD	4K/60Hz 3 × 1 presentation switch with HDMI/ DisplayPort/USB-C +USB (keyboard & mouse), IR and RS-232 over fiber KVM extender, supporting up to 10Km / 32800 ft via duplex single-mode LC fiber cable with two HDMI output receiver	■	■	■	■	■	10Km / 32800 ft