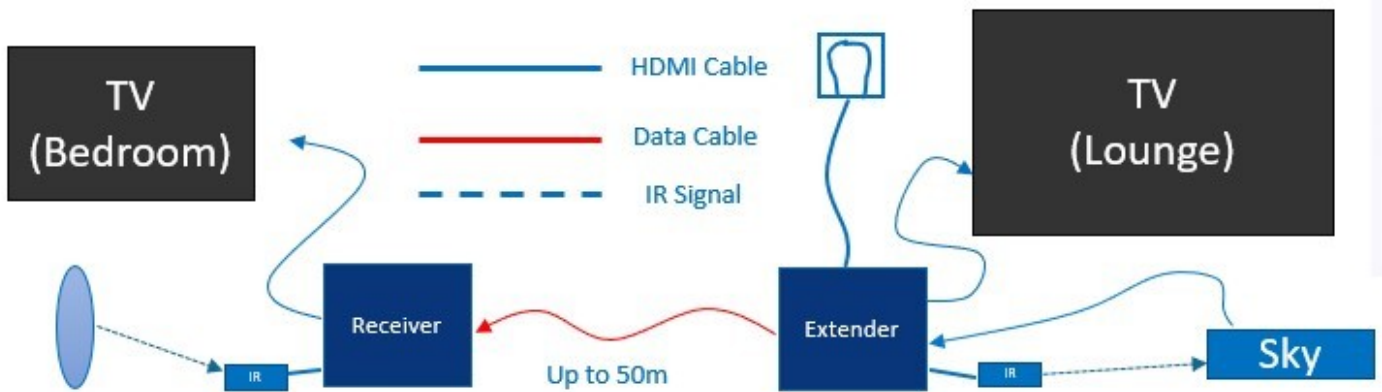


HDMI extenders allow HDMI signals to be sent over network type cables such as Cat6. Extenders simply allow an HDMI signal to be sent from A to B, as shown below. Typically they will support lengths of 50Mtr to 70Mtr.

- **Local loop out** – you can retain the local signal being extended for local TV.
- **IR Pass thru** – also support Infra Red remote control signals
- **PoC** – Power over Cable, provides power to another device over the Cat6



V1.4 HDMI Extender	V2.0 HDMI Extender
<ul style="list-style-type: none"> • HDMI V1.4, 4K 30Hz @ 50m or 1080P @ 80M • Local Loop out • Bi-Directional IR • PoC power over CAT • Power by 5v USB • EDID management 	<ul style="list-style-type: none"> • HDMI V2.0, 4K 60Hz 4:4:4 @ 70M • Or 1080P @ 80M • Local Loop out • Bi-Directional IR • PoC power over CAT • Powered by 12v • EDID management



AR-40-101

aura HDMI V1.4 extender over Cat5e/Cat6

Overview



This aura product extends HDMI signal between Transmitter and Receiver over CATx cable. It supports 4K 30Hz up to 50m or 1080p 60Hz video signals up to 80Mtr including embedded multi-channel audio and HDCP 1.4. Built-in EDID make this product compatible with most display and source device, to ensure HDMI transmission. Advanced power design (PoC) allows this product to be powered at Transmitter, and only one power supply is required. In addition, it can send/receive IR signals each other over the same CATx cable with IR pass through.

Key Features

- HDMI V1.4, 4K at 30Hz 4:4:4, HDCP 1.4
- PoC, Tx Powers Rx, 5V USB
- Extension up to 4K to 50m, 1080p to 80m.
- Bi-directional IR pass-through
- HDMI local loop out



Part Code	Description
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AR-40-101	aura HDMI V1.4 Extender 4K 30Hz to 50m or 1080p to 80m, PoC, Local Loop out, IR Pass-thru
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AR-40-102

aura HDMI V2.0 extender over Cat5e/Cat6

Overview



This aura product is a high performance point to point extender set for 4K HDMI 18Gbps with IR signal support and local loop out. This kit supports 4K/UHD video at 60 Hz with 4:4:4 Chroma sampling, as well as HDMI data rates up to 18Gbps, HDCP 2.2 compliant. It supports an HDMI transmission distance of up to 70 meters for 4K 60Hz 4:4:4 or 80 meters at 1080p, over single CAT5e/6 cable. It also supports video resolution down-scaling with the 4K input be automatically downscale to 1080p output for compatibility with 1080p display.

Key Features

- HDMI V2.0, 4K 60Hz 4:4:4, HDCP 2.2
- PoC, Tx Powers Rx, 12V DC
- Extension up to 4K to 70m, 1080p to 80m
- Bi-directional IR pass-through
- HDMI local loop out



Part Code	Description
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AR-40-102	aura HDMI V2.0 Extender 4K 60Hz to 70m, PoC, Local Loop out IR, Pass-thru
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AR-40-104

aura HDMI USB (KVM) extender over Cat5e/Cat6



Overview



This aura HDMI USB KVM extender enables control of a workstation or PC with keyboard and mouse, whilst viewing the video source up to 120m away from the workstation or PC. It extends an HDMI signal between Transmitter and Receiver over a single CAT6 cable and supports two USB devices in the reverse direction. 4K at 30Hz HDMI video signals up to 120m including HDCP 1.4. Supports 2x USB 1.1 signals from receiver back to transmitter for KVM functions.



Key Features

- HDMI V1.4, 4K at 30Hz 4:4:4, HDCP 1.4
- PoC, Tx Powers Rx, 12V DC
- Extension up to 4K to 120m including USB
- Supports 2x USB 1.1 to 120m
- HDMI local loop out • Only requires a single Cat6 link



Part Code	Description
AR-40-104	aura HDMI V1.4 USB KVM Extender 4K 30Hz at 120m PoH 2x USB HDMI1.4-HDCP1.4