The Atlona AT-UHD-EX-100CE-KIT is an HDBaseT™ transmitter/receiver kit for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through, RS-232 and IR control, plus Power over Ethernet. This extender kit transmits video signals up to 4K/UHD @ 60Hz with embedded multi-channel audio and remote 48V power for the receiver. Additionally, the kit extends Ethernet, RS-232, and 12 volt-based IR control commands. The kit is HDCP 2.2 compliant and supports EDID communication. Both transmitter and receiver feature quarter rack width metal enclosures for easy rack mounting with rear panel I/O ports for uncluttered wire management.

The AT-UHD-EX-100CE-KIT provides integrator-friendly features including: IEEE standards-based PoE transmission for safety and compatibility; HDCP 2.2 compliant for meeting the latest copy protection requirements; rack-mountable form factor for accommodating four transmitters in a single 1U rack tray; power chaining for powering multiple devices from one power supply; and front mounted USB port for easy firmware updates.

The AT-UHD-EX-100CE-KIT is ideal for use in residential or commercial point to point applications that require greater HDBaseT signal transmission distance than the UHD-EX-70C can support. As a transmitter/receiver pair, the kit can be used with the H2H matrix switcher and HDDA distribution amplifier series and third party control systems for long distance AV signal and control extension with PoE capability. On its own, the AT UHD-EX-100CE-RX receiver is compatible with the UHD-PRO3 Series, AT-UHD-CLS0-601 and AT-UHD-SW-52ED.

### 4K/UHD capability -
- Compatible with Ultra High Definition sources and displays
- Future proofs AV systems in preparation for technology improvements, 4K/UHD streaming services and playback devices

### HDCP 2.2 compliant -
- Adheres to latest specification for High-bandwidth Content Protection
- Allows protected content stream to pass between devices

### Remote-powered receiver -
- Industry standard IEEE 802.3af PoE for receiver is supplied by transmitter over HDBaseT
- Saves time and integration costs

### 4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE

**AT-UHD-EX-100CE-KIT**

**AT-UHD-EX-100CE-RX**
Specifications

**Video Resolutions**

- **Video**: 4096x2160@24/25/30/50*/60Hz*, 3840x2160@24/25/30/50*/60Hz*, 2048x1080p, 1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60Hz, 720p@50/59.94/60Hz, 576p, 576i, 480p, 480i
- **VESA**: 2560x2048, 2560x1600, 2048x1536, 1920x1200, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1366x768, 1360x768, 1280x1024, 1280x800, 1280x768, 1152x768, 1024x768, 800x600, 640x480
- **Colorspace**: YCbCr, RGB
- **Chroma Subsampling**: 4:4:4, 4:2:2, 4:2:0
- **Color depth**: 8-bit, 10-bit, 12-bit

**Audio**

- **Formats - pass through**: PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos
- **Sample Rate**: 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
- **Bit rate**: up to 24-bit

**Distance**

- **CAT5e/6 @ 4K**: up to 70M, up to 230 ft
- **CAT6a/7 @ 4K**: up to 100M, up to 328 ft
- **CAT5e/6 @ 1080p**: up to 100M, up to 328 ft
- **HDMI IN/OUT @ 4K**: up to 5M, up to 15 ft
- **HDMI IN/OUT @ 1080p**: up to 10M, up to 30 ft

**Signal**

- **Bandwidth**: 10.2 Gbps
- **CEC**: Yes
- **HDCP**: supports up to 2.2

**Temperature**

- **Operating**: 0°C to 50°C
- **Storage**: -20°C to 60°C
- **Humidity**: 20 to 90% non-condensing

**Power**

- **Consumption - Kit**: 15.2W
- **Supply**: Input: AC100–240V 50/60Hz
- **Output**: DC48V 0.83A

**Dimension**

- **H x W x D**
  - w/ears: 27 x 119 x 127 (mm) = 1.06 x 4.69 x 5.00 (inch)
  - w/o ears: 25 x 109 x 127 (mm) = 0.98 x 4.29 x 5.00 (inch)

**Weight**

- **Device**: 0.39 kg = 0.86 lbs

**Certification**

- **Power Supply**: CE, FCC, cULus, RoHS, CCC, RCM
- **Product**: CE, FCC

**Notes**

- **4096x2160@50/60Hz & 3840x2160@50/60Hz supported @ chroma subsampling 4:2:0 8-bit only**

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Specifications and availability subject to change without notice. Actual products, product images, and online product images may vary from images shown here. Not responsible for typographical errors.