

## USB 3.2 Gen1 HDBaseT™ Extender - Host

### Description

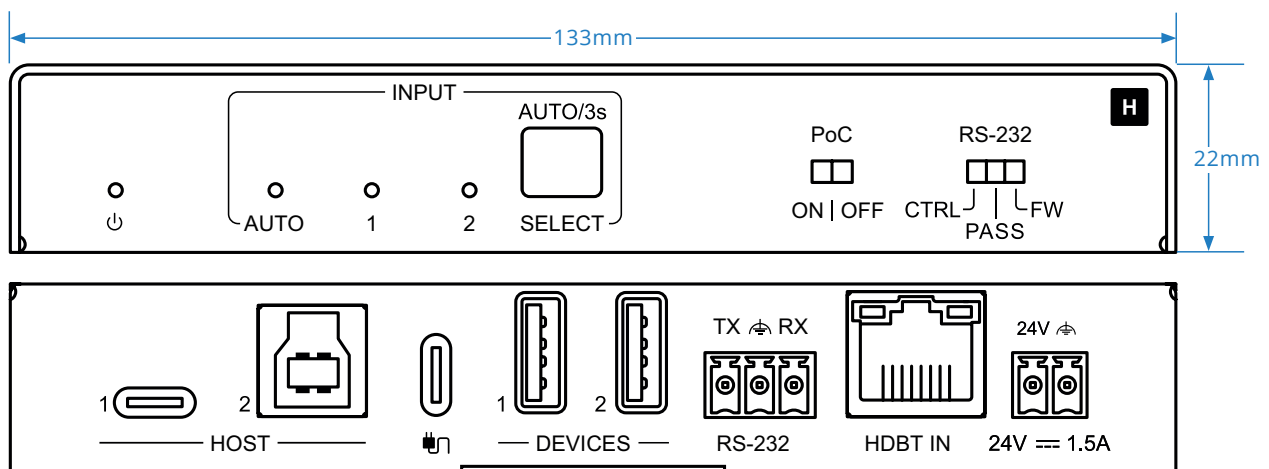
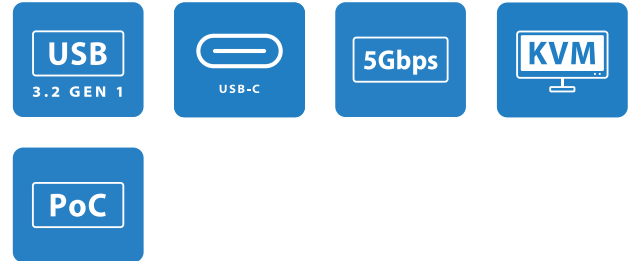
The UEX3H is a USB Host solution that utilises HDBaseT™ technology to allow for remote connectivity of USB 3.2 Gen1 Devices at distances of up to 100m over a single CAT6A cable.

The UEX3H allows 2 x USB Hosts to be switched between the 2 x local USB Devices as well as the Devices connected to a remote compatible Blustream USB HDBaseT Transmitter (Device) extender with support for a combined transmission data bandwidth of up to 5Gbps.

The UEX3H is backwards compatible with USB 2.0 and 1.1 devices, and utilises bi-directional Power over Cable (PoC) to power from either end of the HDBaseT link. The UEX3H supports both auto or manual Host selection, which can be controlled via front panel button, or RS-232 from 3rd party control solutions.

The UEX3H is ideal for applications requiring extension of USB 3.2 Gen1 conferencing cameras, video capture devices, flash/hard drives, KVM devices, audio devices, and other USB 3.2 Gen1 devices.

*\* Requires compatible Blustream USB 3.2 HDBaseT Device product*



### Key Features

- USB 3.2 Gen1 HDBaseT™ Extender supporting 2 x USB Host devices and 2 x local USB Devices
- Supports USB 3.2 signal extension up to 100m over HDBaseT™ \*
- Backwards compatible with USB 2.0 & 1.1 devices
- Combined USB3.2 Gen1 data transfer rate up to 5Gbps \*
- 1 x USB-A & 1 x USB-C port for connection to host devices with manual or auto switching
- 2 x USB-A ports for connection to local devices
- 1 x USB-C host charging port for connection of external power supply to power host device
- Provides up to 500mA combined power to USB devices (up to 500mA per single USB port)
- Configurable USB device power management via API commands

- Bi-directional PoC (Power over Cable) to power extenders from either the host or device unit (supports 12-48V PoC)
- Supports bi-directional RS-232 when used with compatible HDBaseT™ products
- PoC function can be enabled/disabled via dipswitch
- Simple plug and play, no driver installation or setup required

*\* Signal distribution bandwidth and distance are subject to length of device and host USB cables, and CAT cable type. It is recommended to use a minimum of CAT6A cabling.*

*Compatible with Blustream UEX3D and UEX3D-WP*

*Please note: This USB HDBaseT Extender product is not compatible with 'DP Alt Mode' signals*

Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.



## Specifications

- Dimensions (W x D x H): 133mm x 120mm x 22mm
- Shipping Weight: 1.0kg
- Operating Temperature: 32°F to 104°F (-5°C to +55°C)
- Storage Temperature: -4°F to 140°F (-25°C to +70°C)
- Power Supply: 24V/1.5A DC

## Connectivity

- CAT Connectors: 1 x RJ45 connector
- USB Host Ports: 1 x USB Type C female, 1 x USB Type A female
- USB Device Ports: 2 x USB Type C female
- USB-C Charging Port: 1 x USB Type C female (provides charging for USB-C host)
- Local power input: 1 x 2-Pin Phoenix connector
- Firmware Upgrade: 1 x Micro-USB
- RS-232: 1 x 3-Pin Phoenix connector

## Package Contents

- 1 x UEX3H
- 1 x RS-232 control cable (3-Pin to DB9)
- 1 x Quick Reference Card

## Regulatory Compliance



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