

EXT-C211UETH-HDBT3

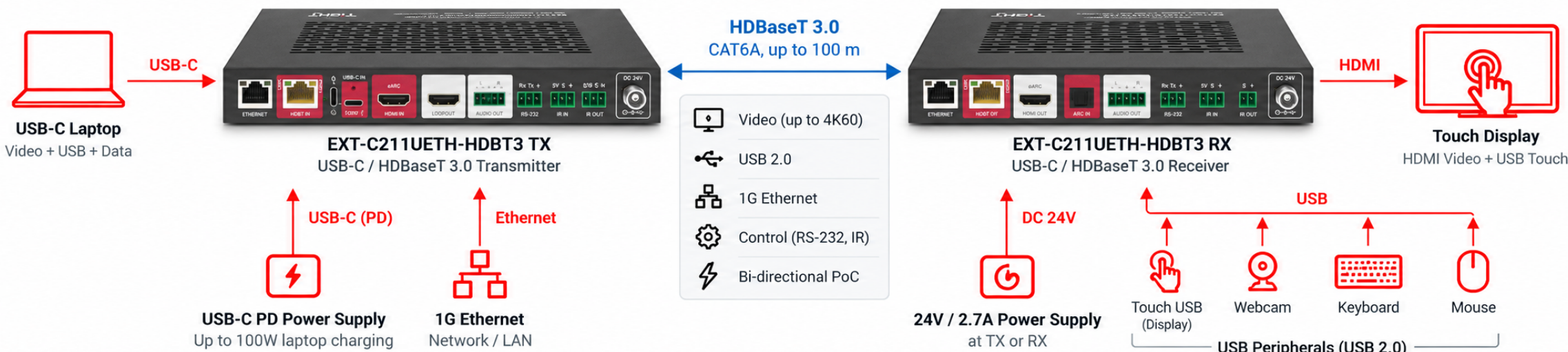
18G USB-C & HDMI Extender Set over HDBaseT 3.0 with USB 2.0 and 1G Ethernet

Extend USB-C, uncompressed 4K60 4:4:4, USB and Gigabit Ethernet up to 100 m over one CAT6A cable. Flexible USB host placement, audio return



ELEVATOR
PITCH

EXT-C211UETH-HDBT3 extends uncompressed 4K60 4:4:4 video, USB 2.0, Gigabit Ethernet and control up to 100 m over a single CAT6A solid-core cable. The transmitter switches between USB-C and HDMI sources, while USB-C supports up to 100W charging with an external PD supply. Flexible USB host placement, ARC/eARC, audio de-embedding, IR/RS-232 and bi-directional PoC enable adaptable professional AV system designs.



KEY FEATURES



Uncompressed 4K60 4:4:4 extension up to 100 m over CAT6A with HDBaseT 3.0



Switchable USB-C and HDMI inputs with manual or automatic source selection



USB-C supports AV, USB, 1G Ethernet and up to 100W PD with external supply



Two USB 5 Gbps local ports and two USB 2.0 remote ports on TX and RX



Flexible USB host operation from either transmitter or receiver side



10/100/1000Base-T Ethernet extension with network access for USB hosts



HDMI 2.0b loop output on transmitter for a local display



ARC/eARC audio return with optical S/PDIF routing



Balanced analog audio de-embedding on both transmitter and receiver



Bi-directional IR and RS-232 pass-through



Bi-directional 24V PoC powers the complete kit from one 24V/2.7A adapter



HDCP 2.3 with backward compatibility plus EDID, HDCP and HPD management



KEY ADVANTAGES



One CAT6A link carries uncompressed 4K video, USB 2.0, Gigabit Ethernet, control and power



A single power supply can power the complete TX/RX kit through bi-directional PoC



USB-C and HDMI switching supports both BYOD and fixed room sources



Host placement on either end provides greater flexibility for USB peripheral integration



Integrated audio de-embedding and ARC/eARC routing reduce separate audio interface requirements



IDEAL APPLICATIONS



USB-C collaboration and BYOD meeting rooms



Conference rooms with remote USB peripherals



Classrooms and training rooms requiring long-range AV extension



Control rooms with local and remote displays



Integrated AV systems requiring video, USB, Ethernet and control over CAT6A



Positioning: A feature-rich USB-C and HDMI HDBaseT 3.0 extender kit for professional spaces requiring uncompressed 4K60, USB, Gigabit Ethernet, audio and control over a single 100 m CAT6A link.