

# Universal Fiber Optic Multi-Signal Extender

Control box transmitter and receiver

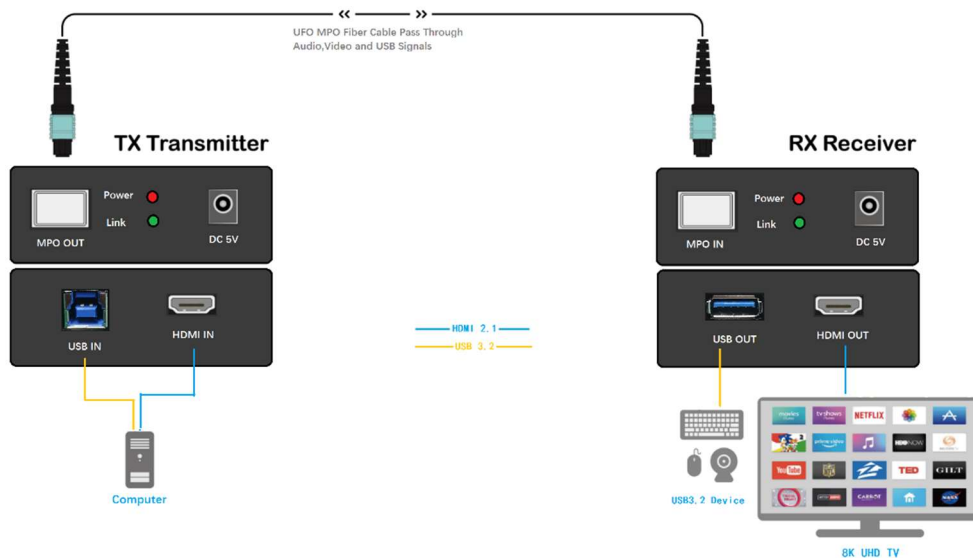
Celerity Universal Fiber Optic Multi-Signal Extender (Gateway Red) is a breakthrough for distribution of AV and control signals over fiber optic cable. HDMI 2.1, and USB 3.2 are supported up to 1000 feet over a single Universal Fiber Optic Cable. The combination of these functions in a component with fiber optic connectivity provides superior performance, bandwidth and flexibility for AV professionals to design and install high performance audio, video and control signal distribution systems.



Supporting HDMI 2.1, 48 Gbps and up to 4:4:4 color, Celerity UFO Gateway delivers 100% signal integrity from point to point. HDMI for high definition video and USB 3.2 for video camera and hard drive server.

## 2 Steps to Fiber Optic Control

With Celerity UFO Gateway, only 2 steps are required - pre-wire and connect. No fiber tools are



needed, this saves time and cost. Now a fiber optic connection can be made fast and reliable. Using the MPO connector on each end of the Celerity fiber optic cable, a secure snap-lock connection is made to the UFO-GTW-RED-8K-TX and UFO-GTW-RED-8K-RX.

The Celerity Universal Fiber Optic Cable is plenum-rated to meet safety certification standards. The Celerity UFO Cable is available in lengths of 35' 40' 50' 60' 80' 100' 130' 160' 200' 500' and 1000'. Celerity UFO Cables are sold separately from the UFO-GTW-RED-8K-TX transmitter and UFO-GTW-RED-8K-RX and receiver. Custom length UFO Cables are available.

# Universal Fiber Optic GTW

## Specifications

Function	UFO-GTW-RED-8K-TX Control box, transmitter	UFO-GTW-RED-8K-RX Control box, receiver
Celerity fiber optic cable distance	up to 1000 ft	up to 1000 ft
HDMI input	HDMI Type-A	
HDMI output		HDMI Type-A
USB*	1, USB 3.2 Type-B	1, USB 3.2 Type A
Power	200mA@5VDC	200mA@5VDC
Enclosure	Metal	Metal
Data rate	up to 48 Gbps	
Resolution	4K@120Hz 4:4:4, uncompressed or 8K@60Hz 4:2:0, uncompressed	
Supported features	HDMI High Speed HDR EDID BT.2020	HDCP v2.3 CEC Deep Color



## Included Items UFO-GTW-KIT

Universal Fiber Optic GTW  
Control box, transmitter (TX)

1 each:

UFO-GTW-RED-8K-TX

Mounting bracket

AC/DC power adapter (AC 110V~240V / DC 5V 2A)

User guide

Universal Fiber Optic GTW  
Control box, receiver (RX)

1 each:

UFO-GTW-RED-8K-RX

Mounting bracket

AC/DC power adapter (AC 110V~240V / DC 5V 2A)

## Universal Fiber Optic Cable

### Available lengths

35ft	10.6m	130ft	39.6m
40ft	12.2m	160ft	48.7m
50ft	15.2m	200ft	60.9m
60ft	18.2m	500ft	152.4m
80ft	24.3m	1000ft	304.8m
100ft	30.4m		

### Custom lengths

Available in 50' (15.2m) increments from 250' to 950' (76.2m to 290m)

MPO connector dimension: 7.5mm x 12.7mm x 25.4mm

Fiber optic cable diameter: 3mm in diameter

Plenum rated, OFNP



Pricing subject to change. Please contact Celerity to order.

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