



HDMI 2.0 and DisplayPort 1.2 to HDMI 2.0 optical converter, HDHF-4K

Description

A 4K video signal wall-plate converter, the HDHF-4K is designed compact enough to fit into an one (1) gang sized slot. Although the HDHF-4K is compact in size, it is brilliant enough to convert both DisplayPort 1.2 and HDMI 2.0 4K video signals to an Optical HDMI 2.0 video signal.

The HDHF-4K transmits the converted HDMI 2.0 optical signal up to 200m (656feet) over one (1) multi-mode fiber (OM3) without any data compression or latency.

The optical HDMI 2.0 receiver, HDFX-500-Rx and HDFX-700-Rx, is used to recover optical HDMI 2.0 to electrical HDMI 2.0 signal.

HDHF-4K offers simple and easy installation on the wall or boom system, as it removes any additional copper cable between faceplate and stand-alone converters.

With its selection-switch, users can easily choose between either DisplayPort 1.2 or HDMI 2.0 4K signals to get converted and transmitted.

Specification

- Supports both DisplayPort 1.2 and HDMI 2.0 4K signals
- Supports up to 4K (4096x2160) at 60Hz, (RGB & YcbCr : 4 : 4 : 4)
- Transmits converted optical signal up to 200m (656ft) over LC terminated 1 core multi-mode fiber (OM3)
- Operated via DIP switch to select DisplayPort 1.2 or HDMI 2.0 for conversion and transmission.
- Equipped with three (3) LEDs for power detection and HDMI and DisplayPort signal selection.

Applications

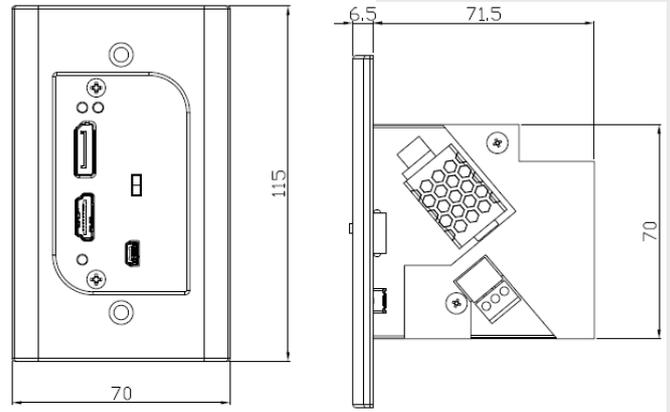
- Surgical room
- Radiology
- Control room

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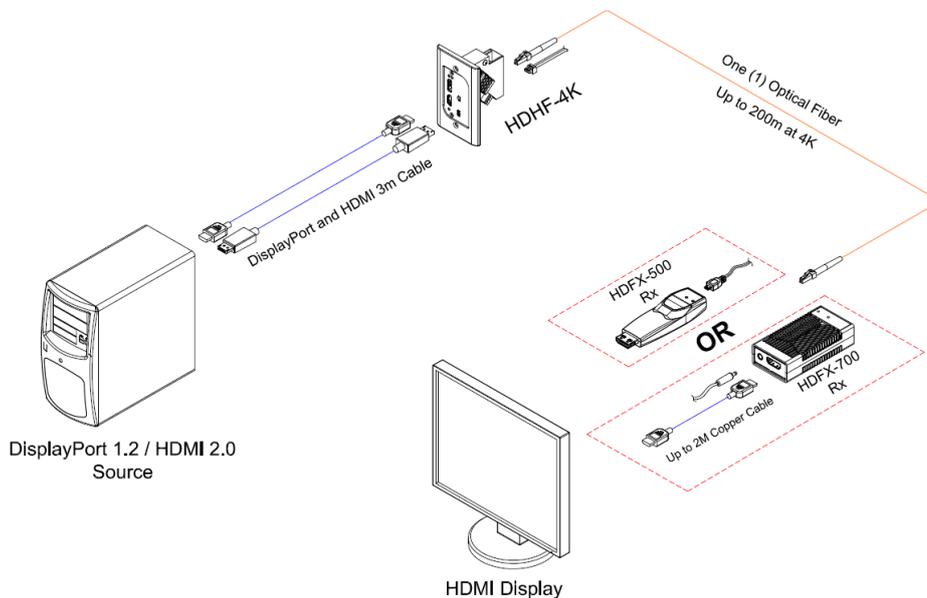
Technical Features

Resolution	Up to WQUXGA(4096x2160) at 60Hz for HDMI and DisplayPort input
Maximum distance	200m (656feet) @WUXGA, 60Hz
Cable	LC terminated 1 core multi-mode fiber (62.5um)
Power supplying	8~15V
LED Indicators	Power (Green), Video input status (Amber)
Power consumption	< 0.5W
Operating temperature	0 ~ 50 °C
Operating humidity	10~85% RH

Dimension



Connection Diagram



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