

# MEDUSA UHD ONE

# DIREKTRONIK

## HDMI2.0 UHD Optical Extender



### Descriptions

MEDUSA UHD ONE is an HDMI2.0 UHD optical transmitter for long-distance transmission. UHD audio signals can be transmitted up to 300m using a multi-mode single core. All standard HDMI resolutions are supported, up to HDMI2.0. The ultra-small micro type makes installation and maintenance of the product simple.

### Feature

- HDMI2.0 x 1 Input [TX]
- HDMI2.0 x 1 Output [RX]
- Using Multi Mode Single Core LC Cable
- Supports standard HDMI video (Max 2160p60 4:4:4 600 MHz)
- Transmission possible up to 300m
- DC +5V USB Power

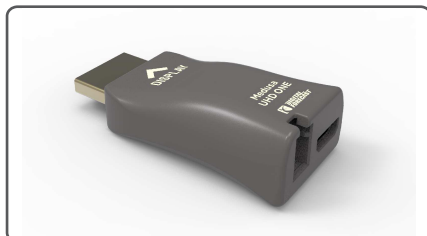
### Physical

|                       |                             |
|-----------------------|-----------------------------|
| Dimension (W x H x D) | 36.15 x 20.50 x 15 mm       |
| Weight                | 30g                         |
| Power Level           | +5 VDC                      |
| Power Consumption     | 2Watts (Max :3 Watts)       |
| Operating Temperature | 0℃ ~ 60℃                    |
| Humidity              | 0 to 95% RH, non-condensing |

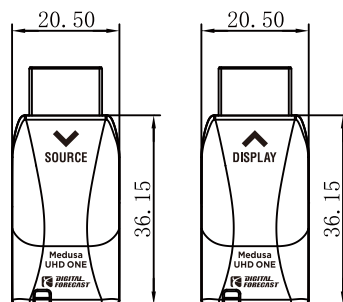
Front Image



Rear Image



Dimension [mm]



### Digital Video Specs.

- Support HDMI 2.0 standard format
- Support various PC resolutions
- Supports SD grade up to 4K resolution
  - VGA : 800x600, 1024x768, 1366x768, 1600x1200, 1920x1200
  - HD : 1280x720, 1920x1080i
  - FHD : 1920x1080
  - WFHD : 2560x1080
  - QHD : 2560x1440
  - WQXVGA : 2560x1600
  - WQHD : 3440x1440
  - UHD : 3840x2160
  - 4K UHD : 4096x2160

### Block Diagram

