

1-Fiber HDMI Extender, HDFX-100-TR **1-Fiber HDMI / RS-232 Extender, HDFX-10R-TR**



Descriptions

Opticis new 1-fiber series is leading the trends in broad range of applications. Fiber detachable HDMI Extender, HDFX-100-TR and HDMI / RS-232 Extender, HDFX-10R-TR are easy to connect to your existing system, giving you and your customers the confidence that you have the best solution in the market.

It is an all-fiber extension product, no copper connection like CAT5 or 6e between transmitter and receiver, installed in SC for fiber connection. **HDFX-100-TR** is capable of extending uncompressed all HD TV resolutions up to 1080p at 60Hz and extends the signal up to 1000 meters (3280 feet) over one (1) SC single-mode fiber and **HDFX-10R-TR** adopts RS-232 port as an option.

Both models support HDMI 1.3a up to 24-bit color depth and comply with HDCP and FCC/CE standards for EMI/RFI emission. For better installation flexibility, **HDFX-100-TR & HDFX-10R-TR** can be rack mountable and are sure to advance the connectivity solution to new heights, with some fundamental features that will be of great benefit in technology and cost to industry participants.

Key Features

- Supports all HD TV resolutions up to **1080p @60Hz**.
- Transmits all data up to **1000m (3280 feet) over one (1) SC single-mode fiber**.
- Complies with HDCP.
- Supports HDMI 1.3a up to 24-bit color depth.
- Terminated by **SC connector**.
- Provides Power, signal transmission of HDMI and audio and signal detection status indicators.
- Includes two (2) +5V DC power adapters for the transmitter and receiver.
- Size: 108mm x 25mm x 115mm (W x H x D)
- Certification: FCC/CE standards for EMI/RFI emission.

Applications

- Digital signage
- Control room
- Medical Imaging system
- Military / Avionics
- Factory Automation
- Education / Conference room
- Auditorium and more...

1-Fiber HDMI Extender, HDFX-100-TR

1-Fiber HDMI / RS-232 HDMI Extender, HDFX-10R-TR

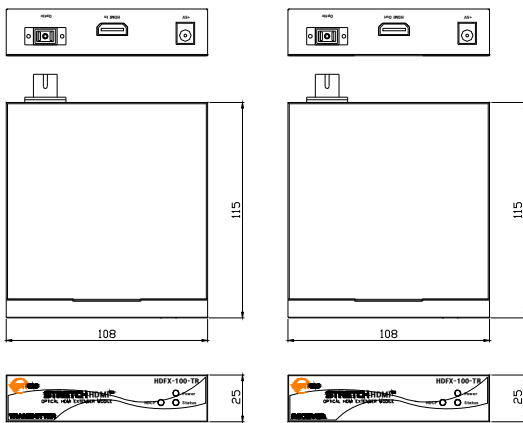
Technical Features

Resolution	1080p (1920 x 1080) at 60Hz
Indicators	Power and Link (Both), DVI, Audio (Tx), Signal detection (Rx)
HDMI	HDMI 1.3a, 24-bit color depth

Optical

Fiber Type	Single-mode
Number of Fiber	1
Output Connector	SC
Distance	Up to 1,000m (3280 feet)

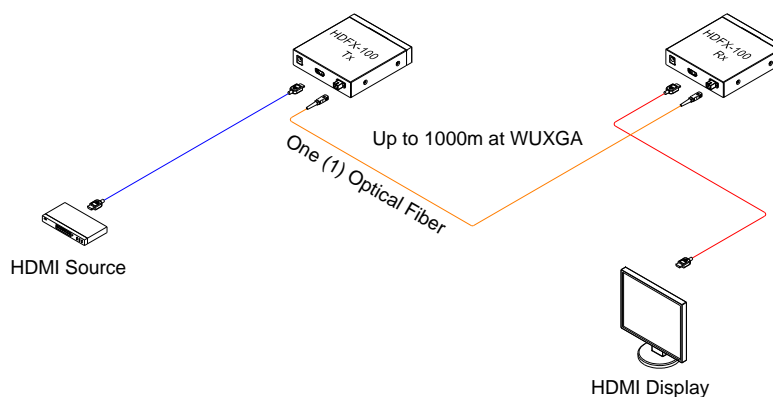
Drawing Dimension(mm): 108 x 25 x 115 (W x H x D)



Physical

Dimension	108 x 25 x 115 (mm) (W x H x D)
Power Level	+5V DC
Operating Temperature	0 ~ 50°C
Humidity	0 to 95% RH, non-condensing

Optical Fiber Connection



OPTICIS HQ

Opticis Co., Ltd.
#907, Byucksan Technopia, 434-6
Sangdaewon-Dong, Chungwon-Ku,
Sungnam City, Gyeonggi-Do, 462-716
South Korea
Tel: +82 (31) 737-8033-8
Fax: +82 (31) 737-8079
www.opticis.com
tosales@opticis.com