

# 1-Fiber Detachable DVI Extender, DVFX-110



## Descriptions

Opticis new 1-fiber series is leading the trends in broad range of applications. Detachable DVI Extender, **DVFX-110** is easy to connect to your existing system, giving you and your customers the confidence that you have the best solution in the market.

**DVFX-110** is capable of driving uncompressed WUXGA (1920x1200) 60Hz DVI signal up to 1,000m (4920 feet) over one (1) single-mode or 500m (1640ft) over multi-mode fiber.

For better installation flexibility, it features patent pending Self-EDID management, reading and restoring by just plugging to the display.

The key features of **DVFX-110** is, by using an optical splitter (OPS-116S), one (1) signal from transmitter can be copied up to 16 times and it gives you a cost effective and space saving installation for various application.

The OPTICIS **DVFX-110** is certified with UL/EN60601-1, 60601-1-2, FCC/CE and Class 1 LASER Eye Safety.

The Opticis 1-fiber detachable DVI extenders, **DVFX-110** is 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 up to **WUXGA (1920x1200) @60Hz**.
- Supports bit rate up to **1.65Gbps/ch**.
- Transmits signal up to **1,000m over one (1) SC single-mode fiber** or **500m over one (1) SC multi-mode fiber**.
- Expands **one (1) signal up to 16 times** with optical splitter (OPS-116S).
- Provides **Self-EDID** function.
- Supports wide operating temp. range, **0-50 degree**.
- Provides **Power, LD** (signal transmission) and **SD** (Signal detection) Indicators.
- Size: 39mm x 14.6mm x 68mm (W x H x D)
- Certification: UL/EN60601-1, 60601-1-2, FCC/CE and Class 1 LASER Eye Safety
- Supports **Auto-power switching** function.

## Applications

- Medical imaging system
- Video wall system
- Digital signage
- Military / Aerospace

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## Technical Features

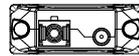
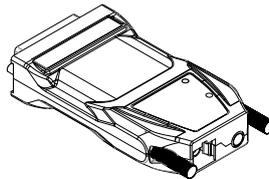
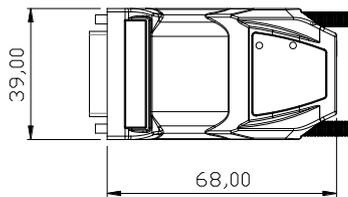
Resolution	WUXGA @60Hz
PER (500m)	< 10 at UXGA@60Hz
Bit rate	1.65Gbps / Ch
Self-EDID	Yes
Auto-power switching	Yes
Indicators	Power (Both), LD (Tx), SD (Rx)

## Optical

Fiber Type	Single-mode, Multi-mode
Number of Fiber	1
Output Connector	SC
Distance	1,000m over Single-mode fiber, 500m over Multi-mode fiber
Splitting	Up to 16-channel by optical splitter, OPS-116S

## Drawing Dimension [mm]

(W x H x D) 39 x 14.6 x 68 (mm)



## Physical

Dimension	39 x 14.6 x 68 (mm) (W x H x D)
Power Level	100-240VAC, 50-60Hz 5VDC @2A
Operating Temperature	0 ~ 50°C
Humidity	0 to 95% RH, non-condensing

## Installation Example

