



# HDMI-BEAM II

## 1-Fiber HDMI Extender

(also available as HDMI / RS-232 Extender)



### DESCRIPTIONS

PMD new 1-fiber series **HDMI-Beam II** is leading the trends in broad range of applications. Fiber detachable HDMI Extender is 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. **HDMI-Beam II** 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.

**HDMI-Beam II** supports 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, **HDMI-Beam II** 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...

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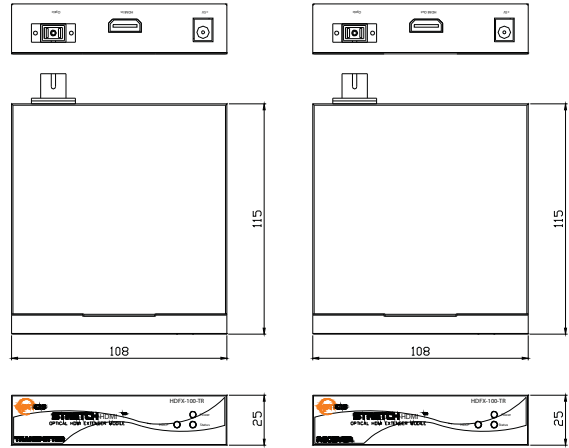


# HDMI-BEAM II

## 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

## DRAWING Dimension [mm]



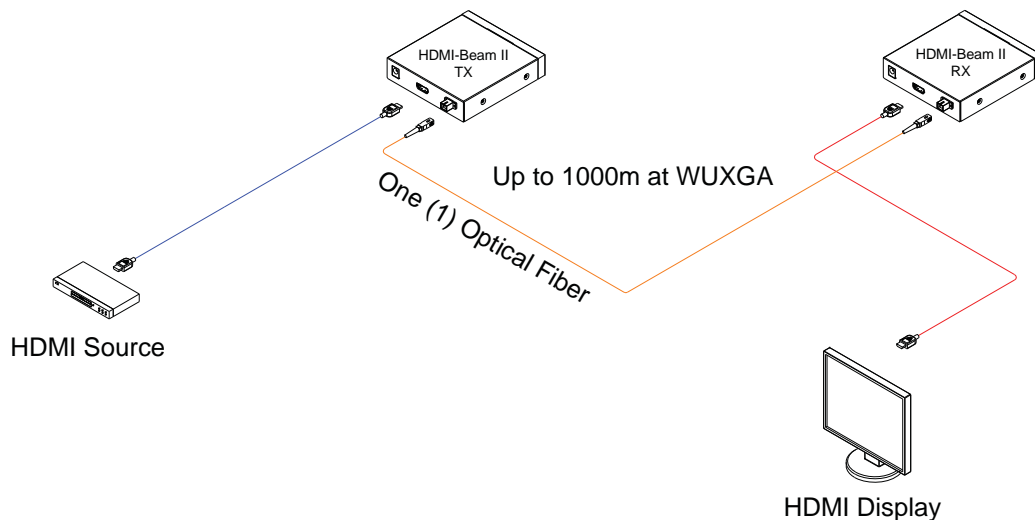
## OPTICAL

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

## 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



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