

## OPT-HDX11R/A1

HDMI over Plastic Optic Fiber (POF) Extender Receiver (up to 650m)



**ABtUS OPT-HDX11R/A1** is a HDMI over Plastic Optic Fiber Extender that sends lossless Full HD 1080p HDMI signals over a single multi mode plastic optic fiber cable. It also supports Keyboard/Mouse, IR and RS-232 pass through simultaneously over the same cable. Extending state-of-the-art Full HD digital video displays, computer monitors and touch screens has never been easier.

Supporting distances up to 2,132 feet/650meter at Full HD 1080p resolution, the OPT-HDX11MT/A1 is guaranteed to perform beautifully, giving you a reliable method.

(\*\*Supporting cable length are tested base on standard multi mode plastic fiber Optic Cable and may differ due to different cable used)

### Features

- Full HD Over Duplex multi mode plastic optic fiber cables
- Support distances up to 2,132 feet/650 meter at a Full HD 1080p resolution
- With RS-232 Full duplex, IR pass through and Keyboard/Mouse extension (\*Depending on model)
- Integrated with Local Monitor output (\*Depending on model)

### Technical specification

<b>HDMI compliance:</b>	1080p - 60HZ 1.3b
<b>HDCP complinace:</b>	Yes
<b>Video bandwidth:</b>	4.75 Gbps
<b>Video support:</b>	Up to 1080p@60Hz 24-bit color
<b>Audio support:</b>	Surround sound (up to 7.1ch)
<b>Transmission range:</b>	Full HD (1080p) up to 650m (2,132ft) **distance varies base on cable specification
<b>Fiber optics:</b>	Wavelength: 850nm Type: Multi Mode Optical Power: -5 to -12 dBm
<b>ESD protection:</b>	[1] Human body model ±15kV [air-gap discharge] & ±15kV [contact discharge] [2] Core chipset ±15kV
<b>PCB stack-up:</b>	12 V DC 1A
<b>Storage temperature:</b>	-20~60°C [-4~140°F]
<b>Relative Humidity:</b>	20~90% RH [no condensation]
	<b>Transmitter</b>
<b>Input:</b>	1 × HDMI (*19 pin female) 1 × Keyboard (*PS-2) 1 × Mouse (*PS-2)
<b>Output:</b>	2 × ST Connector 1 × HDMI (*Monitor) 1 × IR
<b>Control port:</b>	1 × RS-232 (*3 pin Terminal block)
<b>Gross dimension:</b>	310 × 240 × 60 mm
<b>Gross weight:</b>	860 g

## OPT-HDX11R/A1

HDMI over Plastic Optic Fiber (POF) Extender Receiver (up to 650m)

### Typical applications

Home Application; HD Presentation; Data Broadcasting; Learning and Training

### Diagram

