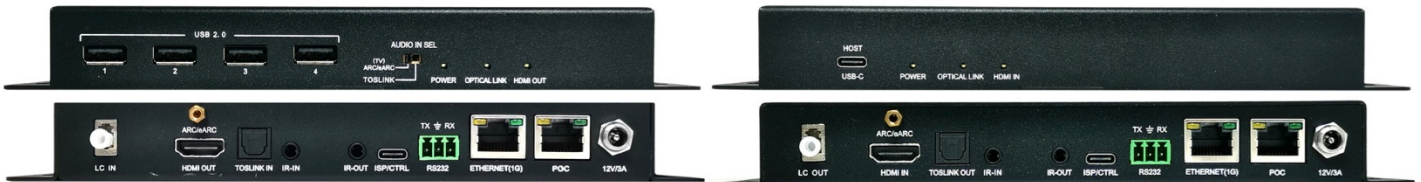


**Model** : ATZ FO-HDMI-V2.1-E300  
**Description:** HDMI 8K@60hz Extender over Optic Fiber,  
USB2.0/ARC/eARC/Ethernet/POC (300m)



**RX**

**TX**



Support uncompressed video resolution up to 8K@/60Hz. It supports USB2.0 HUB and 1G Ethernet. It also can transmit bi-directional IR and RS232. The transmission distance reach up to 300m. Ideal for extending digital video and audio signals, making it a great solution for digital signage, churches, data centers, home theater, large conference rooms, schools, Trade show presentations, etc

## Features:

- Support uncompressed 8K@60HZ.
- Compliant with HDCP2.3/2.2.
- Support ARC/eARC.
- Support USB2.0 1 in and 4 out HUB.
- Support bi-directional RS232 and IR transmission.
- Support 1G Ethernet.
- Support POC from both RX and TX.
- Support up to 300 meter over OM3 multi-mode LC fiber.
- Low latency.

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- Optical source: VCSEL
- Fiber: 1 core LC, OM3
- Distance: OM3-300 Meter (984ft)

## Specifications:

|                             | Transmitter                             | Receiver                             |
|-----------------------------|---|--------------------------------------|
| Ports                       | 1x USB-C Receptacle                     | 4x USB 2.0 A Receptacles             |
|                             | 1x Simplex LC                           | 1x Simplex LC                        |
|                             | 1x HDMI-A Female port                   | 1x HDMI-A Female port                |
|                             | 1x Toslink output port                  | 1x Toslink intput port               |
|                             | 1x IR input port                        | 1x IR input port                     |
|                             | 1x IR output port                       | 1x IR output port                    |
|                             | 1x USB-C ISP port                       | 1x USB-C ISP port                    |
|                             | 1x 3 PIN phoenix male port for RS232    | 1x 3 PIN phoenix male port for RS232 |
|                             | 1x RJ45 Ethernet 1Gbps port             | 1x RJ45 Ethernet 1Gbps port          |
|                             | 1x RJ45 POC port                        | 1x RJ45 POC port                     |
|                             | 12V 3A DC Locking Jack                  | 12V 3A DC Locking Jack               |
|                             | Material                                | Black Iron                           |
| Dimension                   | 215x110x23mm (LxWxH)                    |                                      |
| Weight                      | 700g                                    |                                      |
| Package weight              | 1.8Kg                                   |                                      |
| HDMI compliance             | HDMI 2.1                                |                                      |
| HDCP                        | HDCP 2.3/2.2/1.4                        |                                      |
| Video Bandwidth             | 40Gbps                                  |                                      |
| Supporting Resolution       | 8K@60HZ/4K@120HZ                        |                                      |
| <b>Power</b>                |   |                                      |
| Voltage                     | 12V                                     |                                      |
| TX power consumption        | <36W                                    |                                      |
| RX power consumption        | <36W                                    |                                      |
| <b>Distance</b>             |   |                                      |
| POC                         | Max:150M                                |                                      |
| Fiber                       | Over OM3 multi-mode fiber: 300M         |                                      |
| <b>USB Support</b>          |   |                                      |
| USB Speed                   | High-speed, Full-speed, Low-speed       |                                      |
| USB Bandwidth               | Up to 480 Mbps                          |                                      |
| TX (Host) Compatibility     | USB2.0/1.1                              |                                      |
| RX (Device) Compatibility   | USB2.0/1.1                              |                                      |
| Available Current at device | Max 500mA per USB port                  |                                      |
| <b>Environment</b>          |   |                                      |
| Temperature :               | Operating Temperature Range: -10°C~60°C |                                      |
|                             | Storage Temperature Range: -45°C~85°C   |                                      |

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Humidity : 20-80% Operating, 10-90% storage relative humidity non-condensing

### System Requirement:

Windows XP / Vista / 7 / 8 / 10 / 11, Mac OS and above

### Package Contents:

- 1x Transmitter
- 1x Receiver
- 1x IR Emitter Cable
- 1x IR Receiver Cable
- 2x Phoenix Female Connector
- 2x 12V/2A DC Adapters

### Application Diagram:



### Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.



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