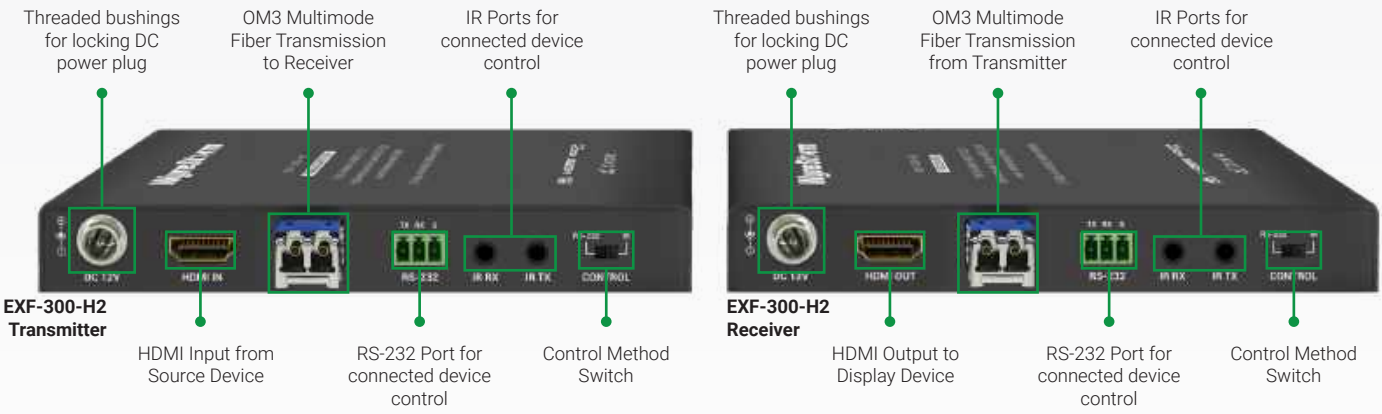
4K 4:4:4 60Hz 18Gbps HDMI, HDCP 2.2 and Bidirectional IR or RS-232 over OM3 Multi-Mode Fiber

EXF-300-H2

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

WyreStorm's first fiber-optical extender, ensuring perfect transmission of 18Gbps HDMI signals to 300m/984ft. The EXF-300-H2, is compatible with 2160p 4:4:4/60 or high frame rate HDR content with HDCP 2.2 encryption and will send it via a 10G OM3 multi-mode cable, without any effect from EM or RF interference along the way.

Key Features

- Extends 18Gbps HDMI transmissions using multimode fiber up to 300m/984ft
- Compatible with the latest HDR-10 content and 4K/60 4:4:4
- HDCP 2.2 compliant
- Passes IR or RS-232 control signals bidirectionally
- Ideal for long distance transmission in environments with high-levels of EM or RF interference

In the Box

1x EXF-300-H2 Transmitter
1x EXF-300-H2 Receiver
1x Dual USB-A to Locking DC Power Plug
1x IR Emitter
1x IR Receiver (30KHz ~ 50KHz)
2x Male Phoenix Connector
4x Mounting Brackets
1x Quickstart Guide

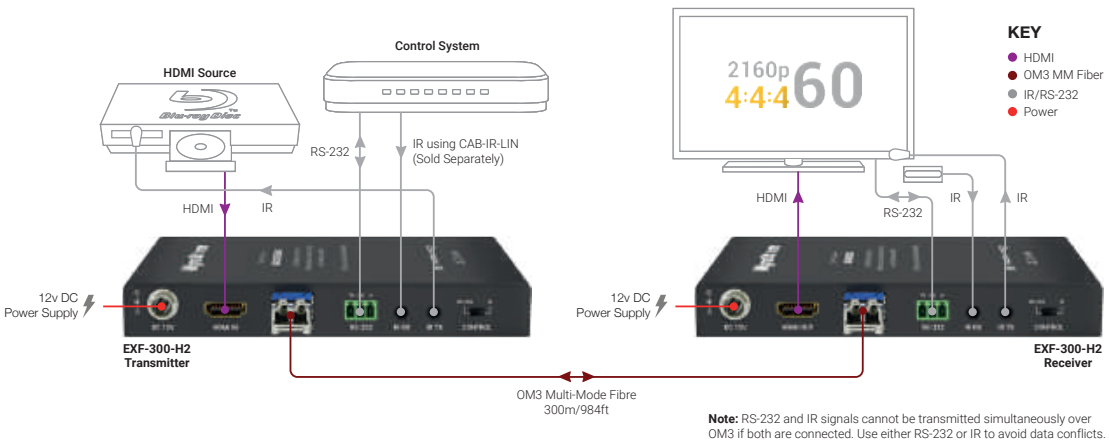
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Specifications

Audio and Video			
	Transmitter	**Receiver**	
Inputs	1x HDMI: 19-pin type A	1x SFP+	
Outputs	1x SFP+	1x HDMI: 19-pin type A	
Output Video Encoding	TMDS over fiber		
Encoding Data Rate	10Gbps		
Audio Formats	2ch Analog/PCM | Multichannel: LPCM and Up to Dolby TrueHD and DTS-HD Master Audio		
Video Resolutions (Max)	**Resoluton**	**HDMI**	**MM OM3**
	1920x1080p @60Hz 12bit	15m/49ft	300m/984ft
	1920x1080p @60Hz 16bit	7m/23ft	300m/984ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	3m/10ft	300m/984ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	300m/984ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	300m/984ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	300m/984ft
	4096x2160p @60Hz 8bit 4:4:4	7m/23ft	300m/984ft
Supported Standards	DCI | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020 | BT.2100		
Maximum Pixel Clock	600MHz		
Communication and Control			
HDMI	HDMI | HDCP 2.2 | EDID | DVI/D supported with adapter (not included)		
Fiber Multimode	HDMI | HDCP 2.2 | EDID		
IR	1x IR RX: 3.5mm (1/8in) TRS Stereo | 1x IR TX: 3.5mm (1/8in) TS Mono | Bidirectional over OM3		
RS-232	1x RS-232: 3-pin Phoenix | Bidirectional over OM3		
Power			
Power Supply	12V DC .5A		
Max Power Consumption	4W		
Environmental			
Operating Temperature	0 ~ +45°C (32 ~ +113 °F) | 10% ~ 90% non-condensing		
Storage Temperature	-20 ~ +70°C (-4 ~ +158 °F) | 10% ~ 90% non-condensing		
Maximum BTU	14 BTU/hr		
Dimensions and Weight			
Rack Units | Wall Box	<1U		
Height With | Without Feet	20mm/0.79in		
Width With | Without Brackets	150mm/5.91in		
Depth With | Without Handles	74.4mm/2.93in		
Weight	0.3kg/0.66lbs		
Regulatory			
Safety and Emission	CE | FCC | RoHS		

Right Product for the Right Application.



Note: RS-232 and IR signals cannot be transmitted simultaneously over OM3 if both are connected. Use either RS-232 or IR to avoid data conflicts.