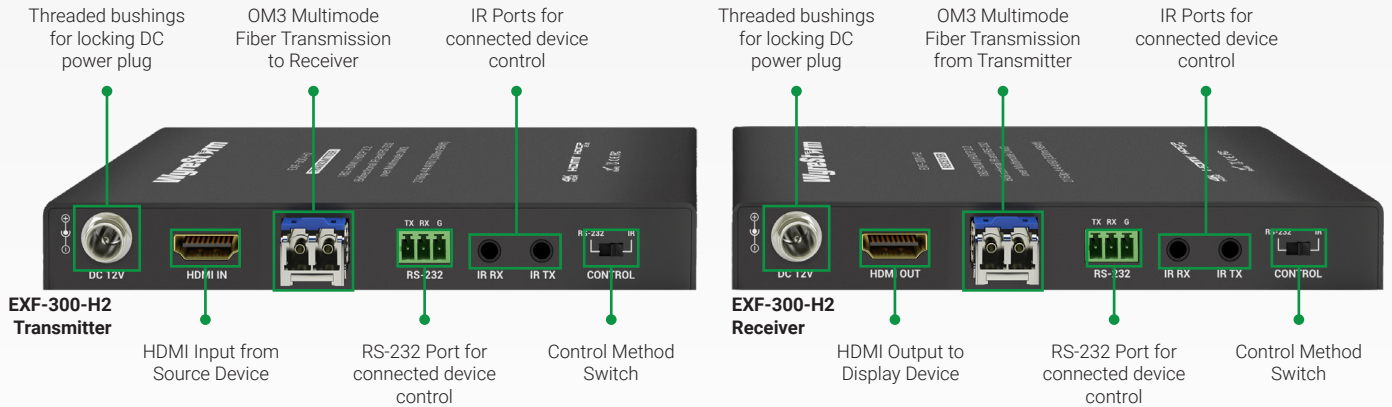


# 4K 4:4:4 60Hz 18Gbps HDMI, HDCP 2.2 and Bidirectional IR or RS-232 over OM3 Multi-Mode Fiber

## 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

# 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)	Resolution	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.

