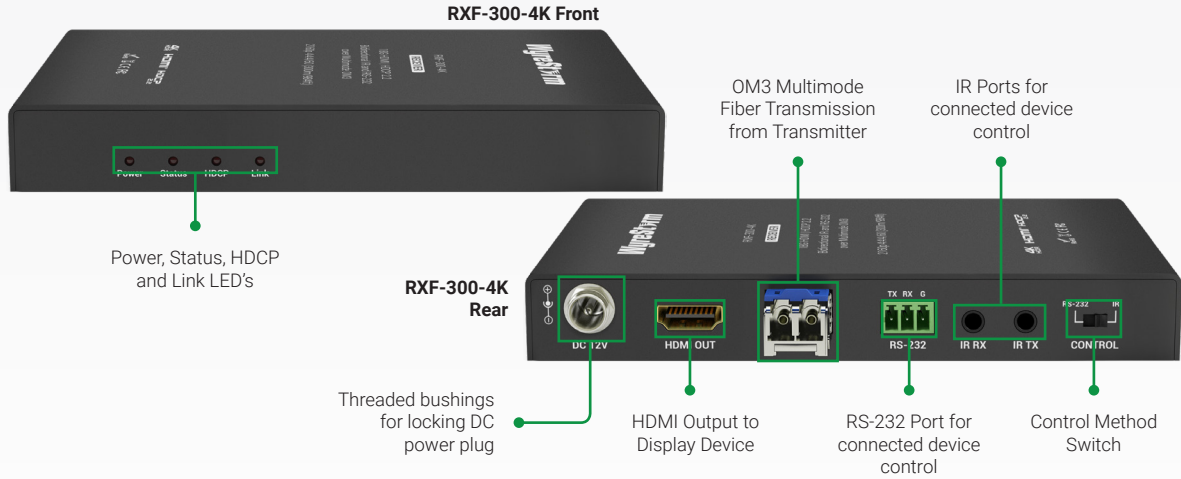


18Gbps HDMI-Over-MultiMode Fiber Receiver (2160p 4:4:4/60: 300m/984ft | 1080p: 300m/984ft)

RXF-300-4K

WyreStorm

Specification Sheet



4K HDR **HDMI** **2160p 4:4:4 60** **HDCP 2.2**

WyreStorm - Because the Technology Matters.

Introduction

Fiber transmission has long been the holy grail of sending high bandwidth data over long distances but its cost and demanding termination & installation criteria have put many people off. Now with the H2XC matrix platform offering perfect lossless transmission of 2160p 4:4:4/60 content over distances of nearly 1000ft, it's the perfect time to embrace optical transmission and let there be light!

Key Features

- Perfect for long distance transmission in environments with high-levels of EM or RF interference
- Reliable optical-HDMI conversion over distance using duplex OM3 cable
- 4K UHD signals up to 300m/984ft (2160p 4:4:4 60Hz 8-bit)
- Supports HDMI2.0 video standard up to 18Gbps
- Compatible with HDR standards including HDR-10, HDR-10+, HLG and Dolby Vision (Dolby Vision supported up to 30Hz)
- HDCP 2.2 compatible
- Passes IR or RS-232 control signals bidirectionally
- RS-232 port for routed 2-way serial communication
- LED indication for HDCP presence within signal and transmission link between devices
- Ventilated steel chassis
- Compact design for convenient and unobtrusive installation
- Wall mounting brackets and IR accessories included

In the Box

1x EXF-300-H2 Receiver
1x 12v DC Power Supply (US | EU | UK)
1x 10Gbps OM3 SFP+ Module
1x IR Emitter

1x IR Receiver
2x Wall Mounting Bracket
1x Quickstart Guide

Specifications

Audio and Video			
Inputs	1x OM3 In: SFP+		
Outputs	1x HDMI Out: 19-pin type A		
Output Video Encoding	TMDS over fiber		
Encoding Data Rate	10Gbps		
Audio Formats	2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos		
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	3m/10ft	300m/984ft	
Supported Standards	DCI RGB HDR HDR10 Dolby Vision 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 Bidirectional IR/RS-232		
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 0.5A		
Max Power Consumption	3.5W		
Environmental			
Operating Temperature	0°C to 45°C (32°F to 113°F)		
Storage Temperature	-20°C to 70°C (-4°F to 158°F)		
Maximum BTU	11.94 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.

