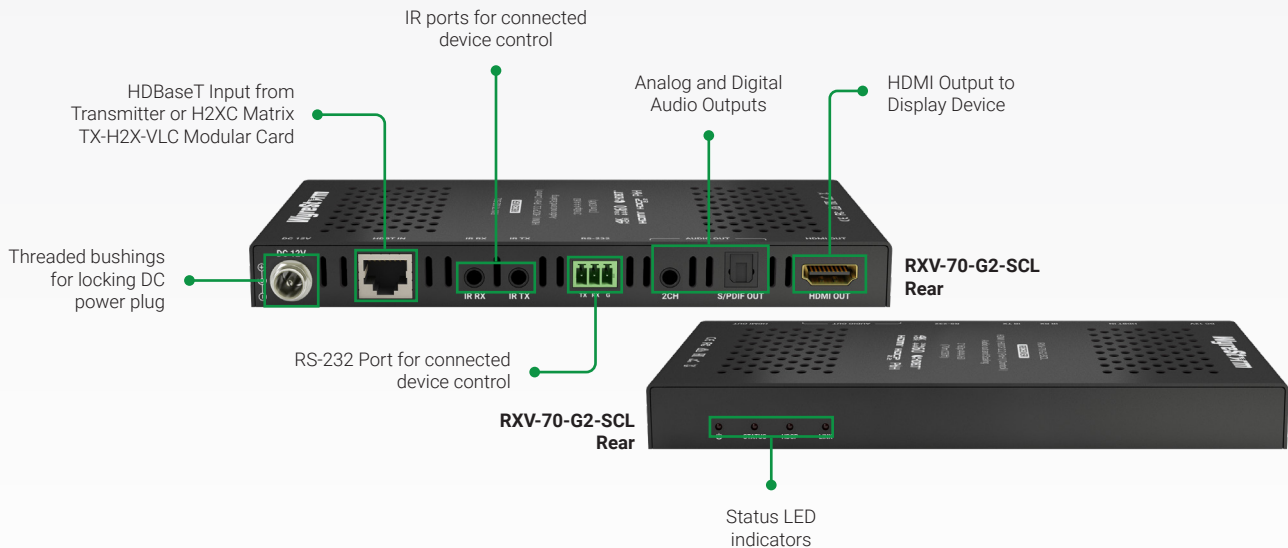


4K HDR 4:4:4 60Hz HDBaseT™ Receiver with Scaling, HDR Conversion & 2ch/S/PDIF Audio Breakout & PoH (4K: 70m/230ft)

RXV-70-G2-SCL

WyreStorm®

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

18Gbps HDBaseT receiver for the MXV-70 series matrix switchers. The RXV-40-G2-SCL features a powerful scaler that can convert 4K UHD and HDR content to a 1080p non-HDR display to maximize compatibility. The receiver also features a 2ch and digital S/PDIF audio breakout for easy external audio distribution.

Key Features

- Uses WyreStorm's proprietary compression technology for lossless transmission of 4K HDR content, without latency
- Scales 4K UHD and HDR source content to 1080p non-HDR displays
- Reliable HDBaseT-HDMI conversion over distance using single Cat6 cable
- 4K UHD signals up to 70m/230ft (2160p 4:4:4 60Hz 8-bit) and 2K signals up to 100m/328ft (1200p 60Hz 16-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)
- Class A HDBaseT supporting the transmission of video, multichannel audio, bidirectional control and PoH
- Powered remotely via PoH from MXV matrix
- HDCP 2.2 compatibility
- Bidirectional IR supported with both IR TX & RX ports
- RS-232 port for routed 2-way serial communication
- LED indication for HDCP presence within signal and transmission link between devices
- Ventilated steel chassis
- Conforms to IEEE-568B standards
- Compact design for convenient and unobtrusive installation
- Wall mounting brackets and IR accessories included

In the Box

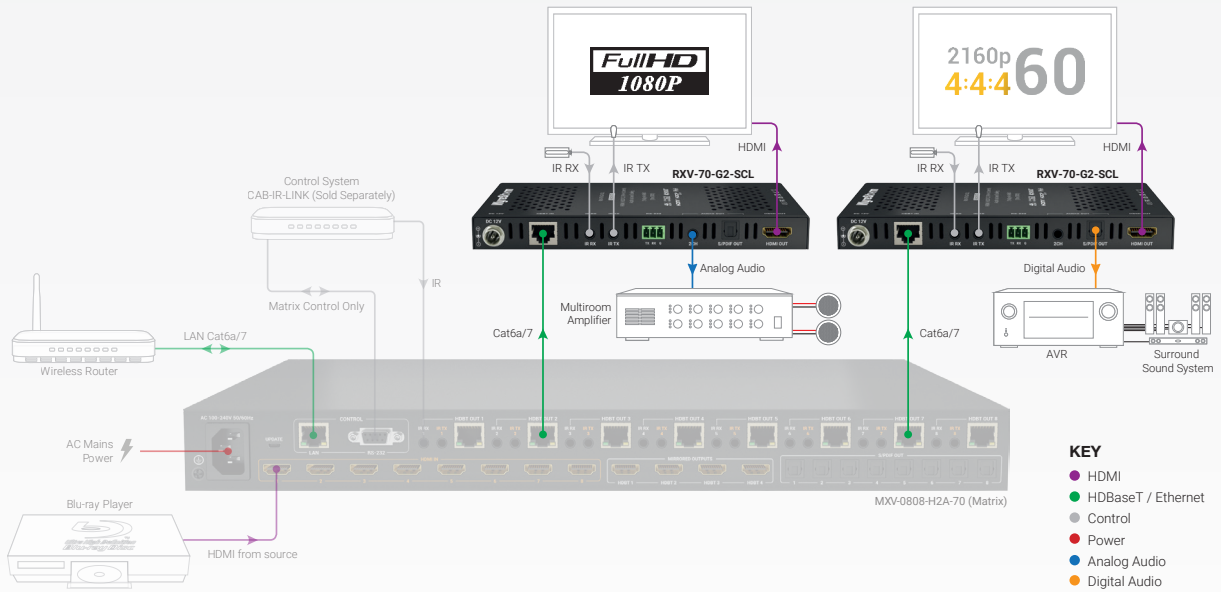
1x RXV-70-G2-SCL Receiver
2x Mounting Brackets
1x IR Emitter
1x IR Receiver

1x 3-pin Terminal Block
12V DC 1A Power Supply (US/UK/EU/AU)
1x Quickstart Guide

Specifications

Audio and Video				
Inputs	1x HDBT In: 8-pin RJ-45 Female			
Outputs	1x HDMI Out: 19-pin type A			
Output Video Encoding	HDBaseT Class A			
Encoding Data Rate	9.2Gbps			
End to End Latency (Max)	10µs (micro seconds)			
Audio Formats	Analog: 2ch Analog S/PDIF: 2ch LPCM Dolby Digital/DTS up to 5.1ch HDMI: 2ch LPCM Multichannel up to Dolby Atmos and DTS-X			
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 12bit	15m/49ft	100m/328ft	100m/328ft
	1920x1080p @60Hz 16bit	7m/22ft	100m/328ft	100m/328ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	3m/10ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft Input 15m/49ft Output	70m/230ft	100m/328ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:2:0	7m/22ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:4:4	3m/10ft	70m/230ft	100m/328ft
	Note: WyreStorm recommends the use of shielded category cable to minimize signal noise and interference			
Supported Standards	DCI RGB HDR HDR10 Dolby Vision up to 30Hz HLG BT.2020 BT.2100			
Maximum Pixel Clock	HDMI: 600MHz HDBaseT: 297MHz			
Communication and Control				
HDMI	HDMI 2.0 HDCP 2.2 EDID CEC DVI/D supported with adapter (not included)			
HDBaseT	HDMI 2.0 HDCP 2.2 EDID CEC 1-way PoH Bidirectional IR			
CEC	CEC power triggering for connected screens – Requires CEC compatibility			
IR	1x IR TX: 3.5mm (1/8in) TS Mono 1x IR RX: 3.5mm (1/8in) TRS Stereo Bidirectional over HDBaseT			
RS-232	1x RS-232: 3-pin Terminal Block - 3.5mm			
Power				
Power Supply	12V DC 1A (Optional)			
PoH	1-way Matrix to Receiver			
Max Power Consumption	12.42W			
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/hr	43 BTU/hr			
Dimensions and Weight				
Rack Units/Wall Box	<1U			
Height	18mm/0.7in			
Width	180mm/7.08in			
Depth	80mm/3.14in			
Weight	0.36kg/0.79lbs			
Regulatory				
Safety and Emission	CE FCC RoHS RCM			

Right Product for the Right Application.



Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.