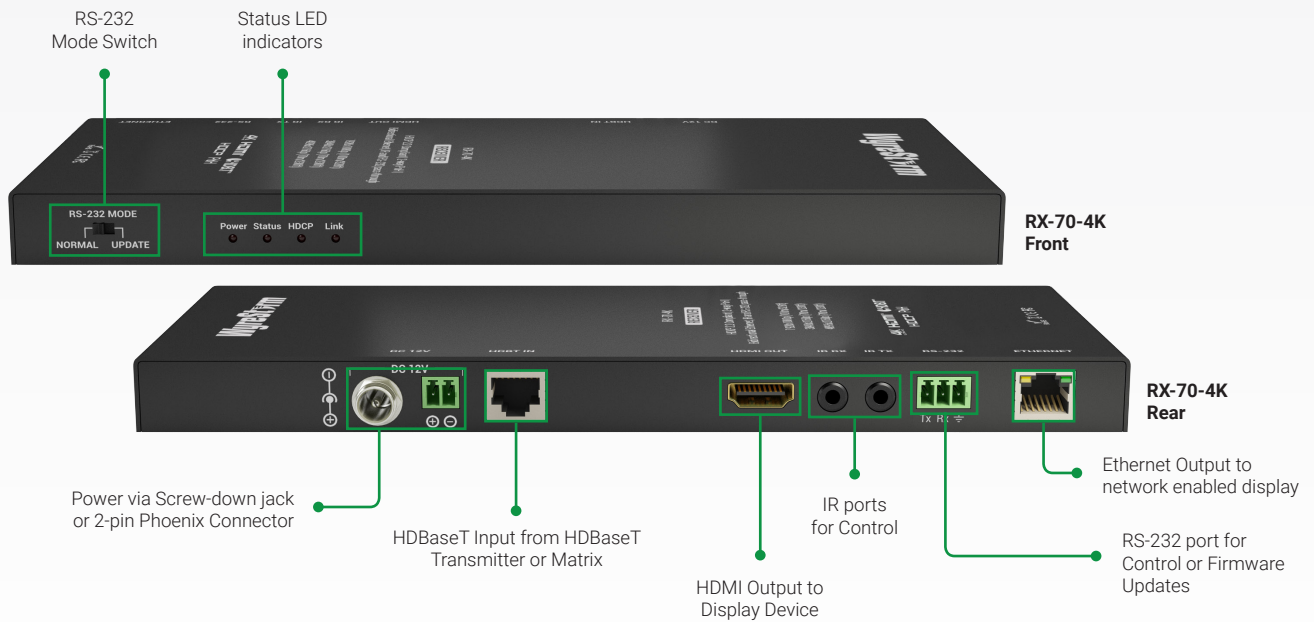


HDBaseT™ 4K UHD Receiver (4K: 70m/230ft | 1080p: 100m/328ft)

RX-70-4K v2

WyreStorm

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

The perfect complement to a WyreStorm HDBaseT™ matrix system, presentation switch or in-wall transmitter solution, the RX-70-4K ultra slim display receiver supports 4K UHD video with HDR up to 70m/230ft and 1080p to 100m/328ft.

Key Features

- Low profile chassis of 18mm / 0.7" for easier, more convenient installations behind screens at display zones
- Transmits discrete wide-band bidirectional IR control signal / routed serial commands (from compatible matrix) together within the HDMI signal over a single Cat5e/6
- Robust Class A HDBaseT™ technology for stable 4K/HD distribution and control resistant to electrostatic and environmental interference compared to conventional UTP transmission
- Distribution of video (4K & 1080p), multichannel audio, bidirectional IR, PoH and 10/100 Ethernet over single Cat5e/6
- 2-way PoH (Power over HDBaseT™) - Receiver draws power from matrix so no local power required at display location
- Multichannel audio supports 7.1 DTS Master HD and Dolby True HD
- HDMI v2.0 with HDCP 2.2
- Full 3D compatibility up to 1080p
- Switchable RS-232 selection for firmware update
- Power options - additional phoenix port and threaded DC for use of both standard and locking DC power plugs
- Visual LED indication for power supply, signal status to show display connection, HDCP in signal and Link between HDBaseT™ devices
- Automatically adjusts feedback, equalization and amplification of signal
- Energy efficient universal power supplies included
- Mounting brackets and IR connections included

In the Box

1x RX-70-4K Receiver
1x Wide-band IR Emitter
1x Wide-band IR Receiver (30-50KHz)
2x Mounting Brackets

1x 3-pin Phoenix Connector
1x 2-pin Phoenix Connector
1x Quickstart Guide

Specifications

Audio and Video				
Inputs	1x HDBaseT 8-pin RJ-45 female			
Outputs	1x HDMI 19-pin type A female			
Audio Formats	2ch PCM Up to DTS-X and Dolby Atmos			
Video Resolutions (Max)	Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 36bit	15m/49ft	100m/328ft	100m/328ft
	1920x1080p @60Hz 48bit	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 4:4:4 24bit	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @24Hz 4:2:0 HDR 10bit	3m/9.8ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 24bit 4:2:0	7m/23ft	70m/230ft	100m/328ft
4096x2160p @60Hz 24bit 4:4:4	7m/23ft	N/A	N/A	
Color Depth	1080p: 48bit 4K UHD: 24bit HDR @24p: 10bit per channel BT.2020			
Maximum Pixel Clock	297MHz			
Communication and Control				
HDMI	HDCP 2.2 EDID DVI/D supported with adapter (not included)			
HDBaseT	HDCP 2.2 EDID 2-way PoH Bidirectional IR, RS-232, and Ethernet			
Ethernet	1x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Bidirectional over HDBaseT			
IR	1x IR TX 3.5mm (1/8in) TS Mono Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) TRS Stereo Bidirectional over HDBaseT			
RS-232	1x 3-pin Phoenix Connector Bidirectional over HDBaseT			
Power				
Power Supply	12V DC 2A			
Max Power Consumption	7.2W			
PoH	48V 15.4W			
Environmental				
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing			
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing			
Maximum BTU	24.6 BTU/hr			
Dimensions and Weight				
Rack Units Wall Box	<1U			
Height	18mm/0.71in			
Width	232mm/9.14in			
Depth	93mm/3.67in			
Weight	0.5kg/1.1lbs			
Regulatory				
Safety and Emission	CE FCC RoHS			

Right Product for the Right Application.

