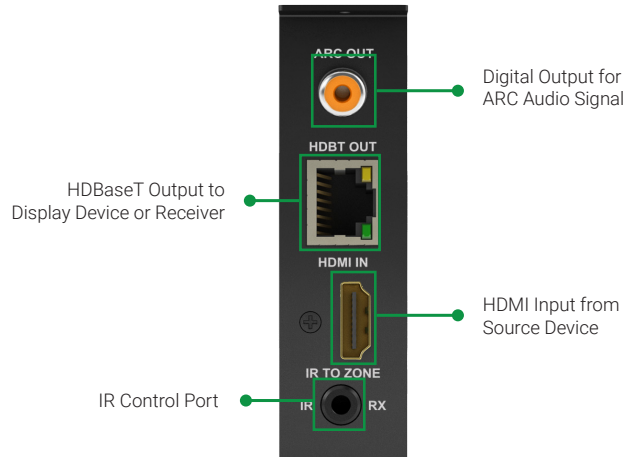


# H2 Matrix modular card with Class A HDBaseT™, ARC output and HDCP 2.2 (4K: 70m/230ft | 1080p: 100m/328ft)

**TX-H2-ARC**



## Specification Sheet



*WyreStorm - Because the Technology Matters.*

## Introduction

Do even more with all that 4K UHD content with ARC supporting transmission of on-demand 5.1 audio content that really makes the most of SmartTVs.

## Key Features

- HDMI input
- HDBaseT Output - Transmitting Class A HDBaseT™ which includes video, audio, control and power up to 70m/230ft of 4K and 100m/328ft of 1080p
- ARC Output - ARC supporting transmissions of on-demand 5.1 audio content; making the most of SmartTVs
- IR RX - Allows control signals to be sent to the sink device

**Compatible Models:** MX-0606-HDBT-H2C | MX-0808-HDBT-H2C

## In the Box

1x TX-H2-ARC Modular Card

# Specifications

Audio and Video				
<b>Inputs</b>	1x HDMI 19-pin type A			
<b>Outputs</b>	1x HDBaseT 8-pin RJ-45 female   1x ARC Out (S/PDIF Digital) RCA Female Digital			
<b>Audio Formats</b>	2ch PCM   Multichannel: LPCM and Up to DTS-X and Dolby Atmos			
<b>Video Resolutions (Max)</b>	<b>Resolution</b>	<b>HDMI</b>	<b>Cat6</b>	<b>Cat6a/7</b>
	1920x1080p @60Hz 12bit	15m/49ft	100m/328ft	100m/328ft
	1920x1080p @60Hz 16bit	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	3m/10ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	3m/10ft	NA	NA
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	70m/230ft	100m/328ft
4096x2160p @60Hz 8bit 4:4:4	7m/23ft	NA	NA	
<b>Supported Standards</b>	DCI   RGB   HDR   HDR10   Dolby Vision up to 30Hz   HLG   BT.2020   BT.2100			
<b>Maximum Pixel Clock</b>	HDMI: 600mHz   HDBaseT: 297MHz			
Communication and Control				
<b>HDMI</b>	HDCP 2.2   DVI-D supported with adapter (not included)			
<b>HDBaseT</b>	HDMI   HDCP 2.2   1-way PoH to Receiver   IR RX to Receiver			
<b>Ethernet</b>	From Matrix - No Connection on card   Bidirectional over HDBaseT			
<b>IR</b>	1x IR RX 3.5mm (1/8in) TRS Stereo   To Receiver over HDBaseT			
<b>ARC (Audio Return Channel)</b>	Returns audio from displays built-in applications via ARC HDMI Input over HDBaseT			
Power				
<b>Power Supply</b>	Internal to Matrix			
<b>PoH</b>	48V 15.4W			
<b>Max Power Consumption</b>	Matrix Dependent			
Environmental				
<b>Operating Temperature</b>	Matrix Dependent			
<b>Storage Temperature</b>	Matrix Dependent			
<b>Maximum BTU</b>	Matrix Dependent			
Regulatory				
<b>Safety and Emission</b>	Matrix Dependent			

*Right Product for the Right Application.*

