

# EXMICRO2i



## HDMI 2.0b (18Gbps) 50m Extender over Category cable



The EXMICR2i is the latest in the EXMICRO family. It is a HDMI 2.0b (18Gbps) over category cable extender that supports HDR/HDR10+. Other features include single ended power (either end), 50m distance at 4K (70m at 1080p), Bi-Directional 12V IR, HDMI loop out and EDID management. Small, efficient, and powerful.

## Features:

- HDMI 2.0b (18Gbps)
- HDR 8/10/10+ Support
- Single power supply (either end)
- EDID Management
- 2-Way 12V IR (kit included)
- HDMI Loop out at TX
- Supports HBR (High Bit Rate Audio)
- Supports all versions of Multi-Channel Audio
- 70m (230ft) @ 1080p/50m (165ft) @4K
- 3-Year Warranty

## Specifications:

Technical	
<b>HDMI Compliance</b>	HDMI 2.0b
<b>HDCP Compliance</b>	HDCP 2.2 and HDCP 1.4
<b>Video Bandwidth</b>	18 Gbps
<b>Video Resolutions</b>	up to 4K2K@50/60Hz YUV4:4:4, 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
<b>Color Space</b>	RGB, YCbCr 4:4:4, YCbCr 4:2:2
<b>Color Depth</b>	10-bit
<b>HDMI Audio Formats (Pass-through)</b>	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
<b>ESD Protection</b>	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
<b>Inputs</b>	<b>TX:</b> 1x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Service [Mini-USB jack] <b>RX:</b> 1x RJ45 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Service [Mini-USB jack]
<b>Outputs</b>	<b>TX:</b> 1x RJ45 1x IR OUTPUT [3.5mm Mono Mini-jack] 1xHDMI Type A [19-pin female] <b>RX:</b> 1x HDMI Type A [19-pin female] 1x IR OUTPUT [3.5mm Mono Mini-jack]
Mechanical	
<b>Housing</b>	Metal Enclosure
<b>Color</b>	Black
<b>Dimensions</b>	90mm/3.5" [W] x 68mm/2.525" [D] x 15mm/.75" [H]
<b>Weight</b>	340g/ 6 oz. each device
<b>Power Supply</b>	Input: AC100 - 240V 50/60Hz Output: DC 12V/1A (US/EU standards, CE/FCC/UL certified)
<b>Power Consumption</b>	4W (Max)
<b>Operating Temperature</b>	32 - 104°F / 0 - 40°C
<b>Storage Temperature</b>	-4 - 140°F / -20 - 60°C
<b>Relative Humidity</b>	20 - 90% RH (no condensation)