

EXMICRO3

4K HDMI 2.0b (18Gbps)

Category Cable Extender Kit

The EXMICRO3 is the latest in the EXMICRO family. The EXMICRO3 incorporates the same super efficient technology used in other EXMICRO based devices. These units draw about 70% less power than a normal extender. It is a HDMI 2.0b (18Gbps) over category cable extender that supports HDR/ HDR10+, has all the connections on a single side and adds audio breakout at both the RX and the TX. The audio breakout is via a 3.5mm mini-jack combination port (analog and TOSLINK). Powers from one end (either), 50m distance at 4K or 1080p, bi-directional 12V IR that is control system compatible EDID management. Small, efficient, and feature rich.

SIMPLIFIED
MFG



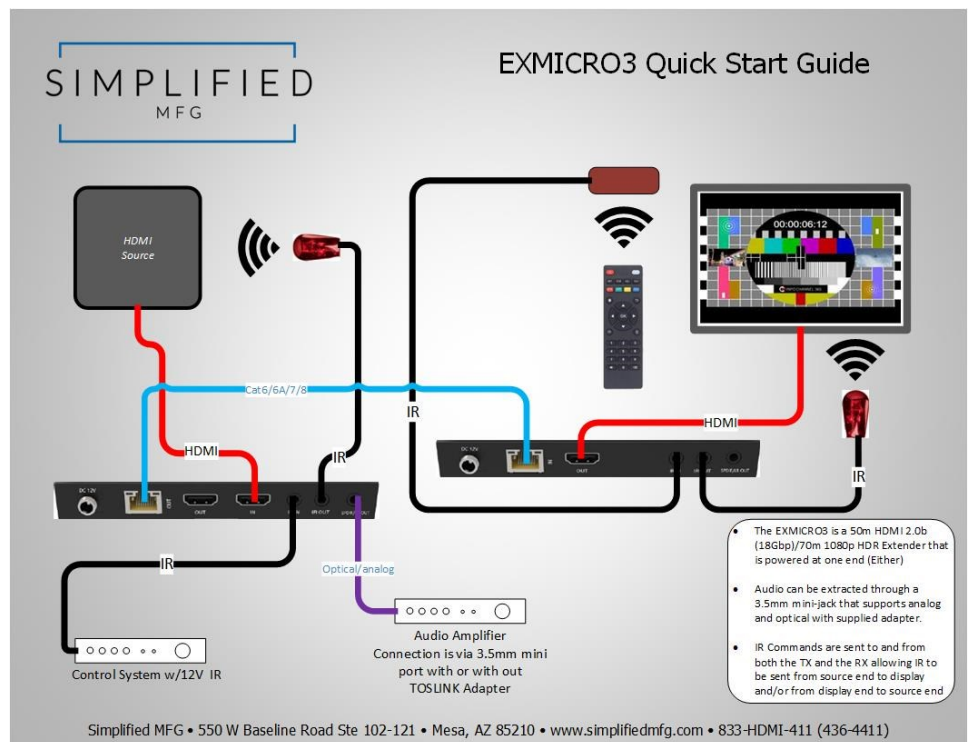
TX Connections



RX Connections

Features:

- HDMI 2.0b (18Gbps)
- HDR 10+ Support
- Audio breakout at RX and TX
- Uses compact 3.5mm mini-jack for both optical and analog audio
- EDID management
- 2-way 12V control system compatible IR (1 RX & 1TX included)
- No CEC pass-thru
- Advanced diagnostics
- 3-year warranty



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Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz YUV4:4:4), 4K2K@30Hz, 1080P@ 120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	TX: 1x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Service [Mini-USB jack] RX: 1x RJ45 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Service [Mini-USB jack]
Outputs	TX: 1 x HDMI Type A [19-pin female] 1x RJ45 1x 3.5mm [optical/analog] audio breakout 1x IR OUTPUT [3.5mm Mono Mini-jack] RX: 1x HDMI Type A [19-pin female] 1x 3.5mm [optical/analog] audio breakout 1x IR OUTPUT [3.5mm Mono Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	140mm/5.5" [W] x 65mm/2.56" [D] x 18mm/.71" [H]
Weight	TX 160g/ 5.64oz. RX 155g/ 5.46oz.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 12V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	3.84W
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)