

EXMICRO2iSW

4K HDMI 2.0b (18Gbps)

Category Cable Extender Kit

With 2-Input Switch

The EXMICR2iSW is the latest in the EXMICRO family. The EXMICRO2iSW 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+ and has a two input switch. The switch is auto-switch or controlled via IR command. Other features include single ended power (either end), 50m distance at 4K or 1080p, bi-directional 12V IR that is control system compatible, audio output at RX and EDID management. Small, efficient, and feature rich.

SIMPLIFIED
MFG



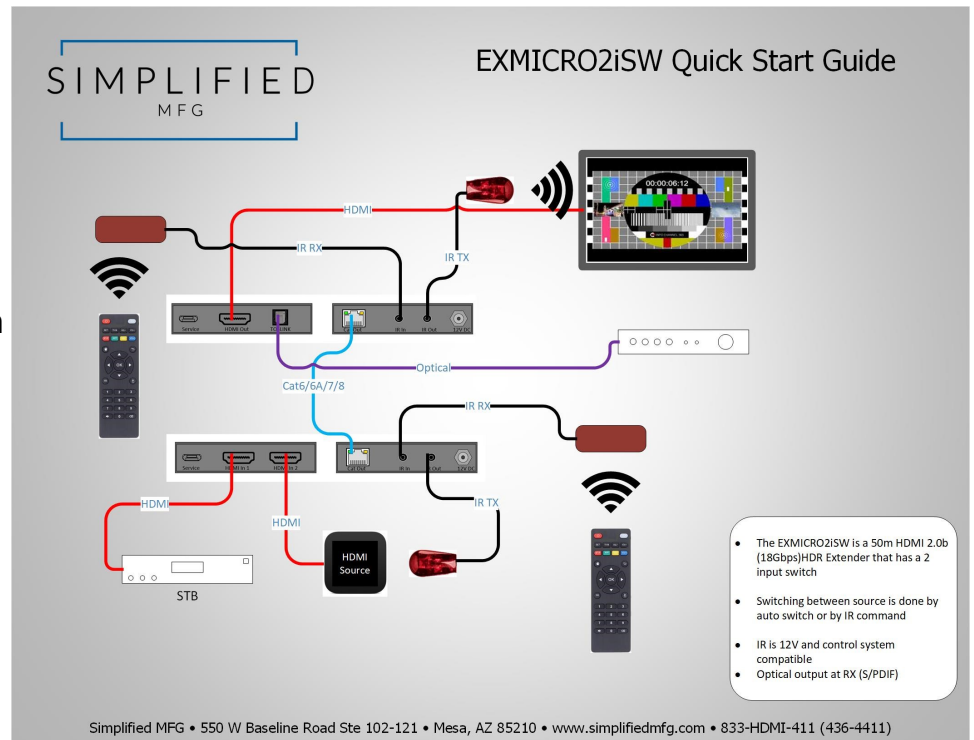
TX Connections



RX Connections

Features:

- HDMI 2.0b (18Gbps)
- HDR 10+ Support
- Switch has 2 inputs that can be selected and sent to RX
- Audio breakout at RX
- EDID management
- 2-way 12V control system compatible IR (1 RX & 1TX included)
- Compact size for easy placement
- 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	<p>TX: 2x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Service [Mini-USB jack]</p> <p>RX: 1x RJ45 1x IR INPUT [3.5mm Stereo Mini-jack] 1x Service [Mini-USB jack]</p>
Outputs	<p>TX: 1x RJ45 1x IR OUTPUT [3.5mm Mono Mini-jack]</p> <p>RX: 1x HDMI Type A [19-pin female] 1x Optical (S/PDIF) audio output 1x IR OUTPUT [3.5mm Mono Mini-jack]</p>
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	90mm/3.5" [W] x 68mm/2.525" [D] x 15mm/.75" [H]
Weight	340g/ 6 oz. each device
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 12V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	4W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)