MaxColor™ Series MC-RX1

Just Add Power
AV over IP Solutions

4K60 Standard Decoder

The MaxColor™ 4K60 MC-RX1 Decoder natively supports 4K60 output, allowing you to view 4K UHD video on the growing number of screens with no downscaling or subsampling. Wth the MC-RX1, 4K60/4:4:4/36-bit video can be distributed over a 1Gb managed network using existing Cat 5e/Cat 6 cable, eliminating the expense of upgrading to fiber and buying costly network switches.

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All specifications subject to change without notice.

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Video

Maximum Input	4096x2160, 60fps, 36-bit color depth, YUV422 4096x2160, 60fps, 24-bit color depth, YUV444 2560x1440, 60fps 2560x1080, 120fps 1920x1080, 60fps, 36-bit color depth, YUV444
Maximum Output	4096x2160, 60fps, 36-bit color depth, YUV444
Dynamic Range	SDR, HLG, HDR10, HDR10+, Dolby Vision
HDMI Standard	HDMI 2.0b/2.1
Video Scaler	720p to 2160p60, 30x up, 1/2 down

Audio

Supported Audio	All Audio Formats Audio Return Channel (ARC)
Stereo Audio Maximum Sample Rate	192kHz

Compliance

Certification	FCC/CE/ROHS/RCM
HDCP Compliance	2.2, 2.3

On-Screen Graphics

OSD	On-Screen Display
Image Pop	Graphic Overlay
Image Pull	Generate Live Video Thumbnail
Image Push	Display Custom Background Image When No Video is Showing

USB (KVM)

USB Standard	USB 2.0
USB Features	Keyboard, Mouse, Touchscreen Pass-through, Webcam and Microphone Pass-through

Network

Maximum Bandwidth	850 Mbps
Average Bandwidth	850 Mbps
Video Codec	Proprietary AGIC-G3 Visually Lossless
Audio Codec	Proprietary I2S Lossless
Encryption	AES-256 Hardware Based Crypto Engine

Endpoint Control

Endpoint Control Features	Serial Pass-through, Serial over IP, IR over IP, and CEC over IP

MC-RX1 Specifications

Dimensions	157 x 30 x 127 mm 6.2 x 1.2 x 5.0 inch
Weight	0.43 kg / 0.95 lb
Ports	RJ-45 (1Gb Network) HDMI In 3-pin Euroblock Stereo Out 3-pin Euroblock IR Out 3-pin Euroblock 2-Way RS232
Power Supply	POE only
Operating Temp	0-60 °C / 32-140 °F
Device Type	Decoder
POE	IEEE 802.3af (15.4W)
Current Version Release Date	June 2025

Previous Hardware Version:

H1: Manufacture Dates: February 2022 - September 2023

H2: Manufacture Dates: September 2023 - June 2025

See page 4 for specifications.

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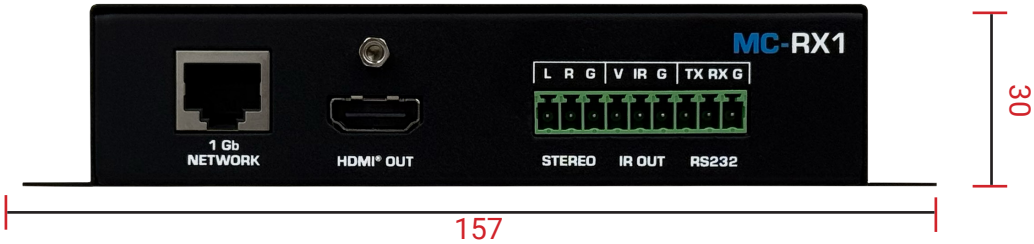
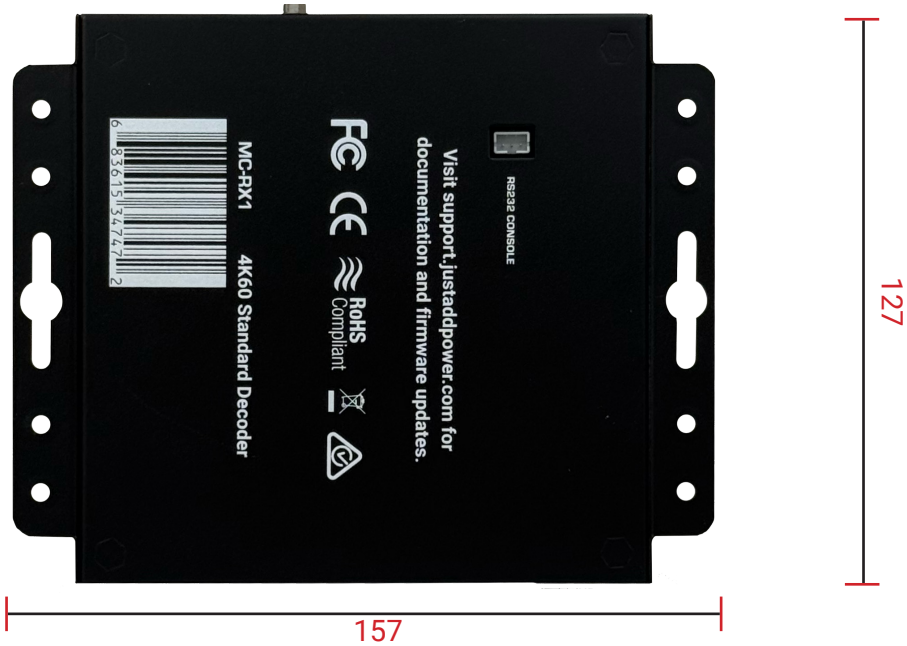
Front of Device:

Back of Device:



Bottom of Device:



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MC-RX1 Previous Hardware Version H1

Manufacture Dates: Feb. 2022 - Sept. 2023

H1 Back of Device:

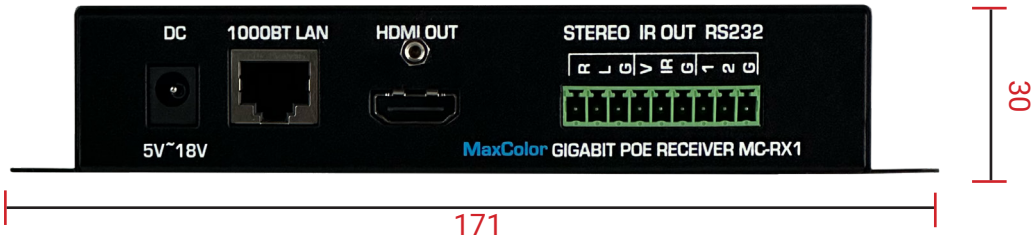
Specifications

H1 Ports	RJ-45 (1Gb Network) HDMI Out 3.5mm Stereo Out 3.5mm IR Out 3.5mm 2-Way RS232
Dimensions & Weight	171 x 30 x 127 mm 6.7 x 1.2 x 5.0 inch 0.47 kg / 1.0 lb
Power Supply (not included)	5V-18V, 10W 5.5mm/2.1mm positive tip

MC-RX1 Previous Hardware Version H2

Manufacture Dates: Sept. 2023 - June 2025

H2 Back of Device:



Specifications

H2 Ports	RJ-45 (1Gb Network) HDMI Out 3-pin Euroblock Stereo Out 3-pin Euroblock IR Out 3-pin Euroblock 2-Way RS232
Dimensions & Weight	171 x 30 x 127 mm 6.7 x 1.2 x 5.0 inch 0.46 kg / 1.0 lb
Power Supply (not included)	5V-18V, 10W 5.5mm/2.1mm positive tip

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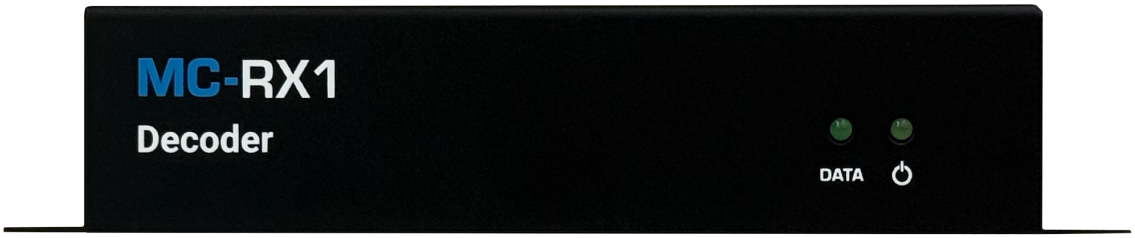
Need product images for your marketing?

Check out our Sales Partner Resource Page!

www.justaddpower.com/sales-partner-resources/



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