

# HD-One Ultra-thin PoH Receiver

MG-CT-612

Power your wall plate Transmitter from a distance



## OVERVIEW

The HD-One ultra-thin Receiver provides extension for HDMI (up to 4k) signals, while providing HD extension up to 70 meters (230ft) and 4K extension up to 40 meters (130ft). The MG-CT-612 Receiver offers a seamless PoH installation with the MG-WP-611 series wall plates and its ultra-thin form factor allows the unit to be mounted easily behind any monitor. The MG-CT-612 is compatible with all Magenta HD-One TX's and tvONE CORIO products providing extra flexibility and reliability.

MG-CT-612	HDBT Receiver with PoH for MG-WP-611 wall plates, HDMI 1.4
MG-WP-611-US	HDBT wall plate TX with VGA and HDMI 1.4 input, extend 4K to 130ft, HD to 230ft US form factor
MG-WP-611-EU	HDBT wall plate TX with VGA and HDMI 1.4 input, extend 4K to 40m, HD to 70m EU form factor

## KEY FEATURES

- ▶ HDMI, Bidirectional RS-232 and IR
- ▶ Provides PoH (Power over HDBaseT), which is fully compatible with HD-One MG-WP-611 series wall plates
- ▶ HDMI 1.4 HDCP 2.2 compliant
- ▶ Delivers full HD video, 3D, and 4Kx2K, RS-232 and IR
- ▶ HD extension up to 70 meters (230ft) and 4K extension up to 40m (130ft)
- ▶ Ultra-thin design easily fits behind monitors

## SPECIFICATIONS

HDCP compliance	HDCP 2.2 compliant
Bandwidth	10.2Gbps
Video support	640x480@60 up to 4Kx2K@30
Audio impedance	Digital Audio via HDMI
Output	1 x HDMI 1 x RS-232 via 3-pin terminal block IR via 3.5mm
Input	HDBaseT via RJ45
Extension	1080p up to 230ft (70m) 4K up to 130ft (40m)
Warranty	3 Years
MTBF (hrs)	TBD

Dimensions (H x W x D)	.6" x 4.5" x 4.3" (16.2 x 115 x 109mm)
Weight (Net)	.43 lbs (196g)
Power	Via 24V 1.25A DC power supply
PoH	48v*
Power consumption	14 Watts (max)
Operating Temp	-10° to 40°C (4° to 104°F)
Humidity	10% to 90%
Regulatory compliance	FCC, CE

\* Capable of powering the MG-WP-611 series wall plates  
Specifications subject to change without notice

### MG-CT-612



Unit drawing actual size

### APPLICATION DRAWING

