

70m HDMI Extender over Single Cat6 with HDBT™, RS-232, Bi-directional IR & PoC



Product Code: **BPHDMIC1BTL**
Barcode: **6002844082598**



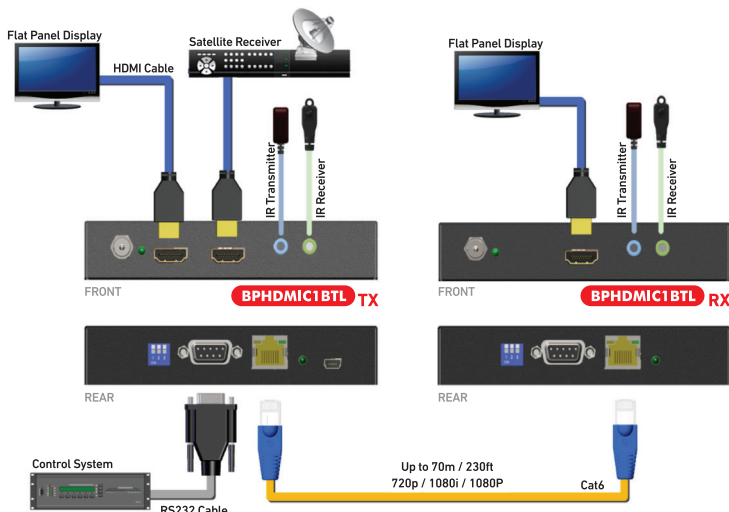
Specifications:

	BPHDMIC1BTL [TX] transmitter	BPHDMIC1BTL [RX] receiver
HDMI compliance	HDMI Deep Color, full 3D & 4K2K@30/40m	
HDCP compliance	Yes	
Video bandwidth	Single-link 340MHz [10.2Gbps]	
Video support	480i / 480p / 720p / 1080i / 1080p60 & 4K2K@30/40m	
HDMI over UTP	1080p@60 60m & 4K2K@30/40m [CAT6]	
Audio support	Surround sound [up to 7.1ch] or stereo digital audio	
Equalization	Auto	
Input TMDS signal	1.2 Volts [peak-to-peak]	
Input DDC signal	5 Volts [peak-to-peak, TTL]	
ESD protection	[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±8kV	
PCB stack-up	6-layer board [impedance control — differential 100Ω; single 50Ω]	
IR pass-thru	Bi-directional	
RS-232 support	Yes	
PoC support	Yes	
Input	1x HDMI / 1x 3.5mm	1x RJ-45 (Video) / 1x 3.5mm
Output	1x HDMI / 1x RJ-45 (Video) / 1x 3.5mm	1x HDMI / 1x 3.5mm
In / Out	1x RS-232	1x RS-232
HDMI source control	Controllable via IR pass-through from RX to TX with IR extenders	
HDMI connector	Type A [19-pin female]	
RJ-45 connector	WE/SS 8P8C (Reverse Mode)	
Rotary control switch	None	
3.5mm connector	IR receiver / IR blaster	IR receiver / IR blaster
Housing	Metal enclosure	
Fixings	Wall mounting case with screws	
Power supply	12V 2A	
Power consumption	Max 12W	
Operation temperature	0 to 50°C	
Storage temperature	-20 to 60°C	
Relative humidity	20 to 90% RH [no condensation]	

Features:

- Supports HDMI Deep Color, full 3D & 4K2K@30 (HDBaseT technology)
- Extends the transmission up to 70m (230ft) from the HDMI source at Full HD 1080p 48-bit and 40m (264ft) at 4K2K@30
- Supports PoC(Power over Cable) which can power both units from TX or RX with power supply.
- HDCP & EDID Bypass
- CEC support
- Auto equalization
- Pure unaltered uncompressed 7.1ch digital HDMI over Cat6 cable transmission
- DTS-HD Master Audio and Dolby TrueHD high bit rate audio support
- Supports full frequency IR signal from 20KHz to 60KHz
- Bi-directional IR path-through
- Full Duplex RS-232 control up to 115,200 bps through connector
- Wall mounting housing design for easy and robust installation

- HDMI
- Cat6
- RS-232
- IR (outgoing)
- IR (incoming)



CONTENTS

- 1x 70m HDMI Extender over Single Cat6 with HDBaseT, RS-232, Bi-directional IR & PoC
- 1x Power Adaptor
- 1x Manual

DIMENSIONS & WEIGHT

BPHDMIC1BTL [TX & RX] Size (mm)	131 x 80 x 23mm [each]
Package Size (mm)	264 x 170 x 77mm
Carton Size (mm)	430 x 358 x 291mm
BPHDMIC1BTL [TX & RX] Weight (g)	200g [each]
Package Weight (g)	900g

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