

4K HDMI EXTENDER

型號：WBT-100RS HDMI 延伸器，HD BASET 技術輸入：HDMI,CAT 輸出：HDMI,CAT

特點：

使用 HD Base-T 技術之單線 CAT.5e / 6 / 6a HDMI 距離延伸器；

- 1.影像傳輸未壓縮方式，最高達 1080p / 60Hz / 48 bits，
- 2.支持 3D、4K x 2K/30Hz/24bit：1080p / 60Hz / 24 bits 採用單條 CAT.5e / 6 網路線傳輸距離最遠可達到 90 米，採用 CAT.6a/7 網路線傳輸距離最遠可達到 100 米
- 3.支援 HDMI 1.4，符合 HDCP 規範
- 4.支援 LPCM 7.1、Dolby TrueHD、DTS-HD 等數位音訊
- 5.支援紅外線訊號延伸功能，紅外線訊號可切換傳輸方向（雙向 IR）
- 6.支援 POE 供電模式，任一端 TX 或 RX 單一端供應電源即可啟動
- 7.支援 RS232 控制，
- 8.支援 19" 2U/3U 機櫃支架安裝(選配配件)
- 9.ETHERNET: 乙太網介面，支援雙向網路信號



Details

Introduction

The cat5e/cat6 HDMI Extender is a tool which can extend your HDMI signal over 328ft/100meters to a compatible display. It is designed to convert HDMI signal to standard HD BaseT signal which can be transmitted by Internet cable. It also supports Transfer Bidirectional Infrared control signal RS232 control signal together with the HDMI signal, so you can control the Source in the Sink side which is 328ft outside, also you can control

the Sink in the Source side which is 328ft outside using the HDMI Extender.

Features

1. POE(Power Over Ethernet)function support, either TX or RX powered 24V@1A,another don't need power from the DC jack. POE Power Consumption less than 10W. ※ See the description 1
2. Use single UTP LAN cable (CAT-5E/6) to substitute HDMI cable to achieve long distances transmission.
3. UTP cable termination follows the standard of IEEE-568A or IEEE-568B.
4. Transmission distance: ※Over CAT6 100meters: 1080P @60Hz@36bit; 3D1080P@30Hz@36bit; 70meters: 1080P @60Hz@48bit; 1080P @120Hz@24bit; 3D1080P@60Hz@36bit; 4K x 2K@30Hz@24bit.
5. Support display resolutions up to 4K x 2K@30Hz
6. Full HD support: 1080p@60Hz@48 bit/pixels, 1080p@120Hz@24 bit/pixels, 3D 1080P60Hz and 4K x 2K@30Hz@24bit
7. Transfer Bidirectional Infrared control signal together with the HDMI signal.
8. Transfer Bidirectional RS232 control signal together with the HDMI signal.
9. Transfer Bidirectional Ethernet signal together with the HDMI signal.

Model: WBT-100RS 技術參數

頻寬	297MHZ
發射端口	1×HDMI; 2×網口; 1×IR 輸入介面; 1×IR 輸出介面; 1×鳳凰端子
接收端口	1×HDMI; 2×網口; 1×IR 輸入介面; 1×IR 輸出介面; 1×鳳凰端子
供電電源	DC24V 1A
ESD 保護	Human-body Model: ± 8kV (空氣放電) ± 4kV (接觸放電)
消耗功率	10 W (最大)
尺寸	100(寬)×100(長)×25(高) mm
重量	320g×2
工作溫度	0 °C~40 °C/32 °F~104 °F
存儲溫度	-20 °C~60 °C/-4 °F~140 °F
相對濕度	20~90 % RH (non-condensing)

