

Matrix, HDbiT HDMI Extender Matrix



Items	Specification
HDMI signal	HDMI1.3,compliant to HDCP
Network bandwidth	18Mbps
Supported resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Audio format	PCM
TMDS signal	0.7~1.2Vp-p
DDC signal	5Vp-p
Remote control	Support
IR passback	Supports 20~60KHz IR devices
Matrix configuration	Up to 99 source signals can be connected and switched to infinite output
Power supply	5V/1A
Power consumption	TX≤ 4W ; RX≤ 4W
Weight	TX260g ; RX250g
Dimensions(LxWxH)	133.8×83.8×23.8mm
Working temperature	0~60°C
Storage temperature	-20 ~ 70°C
Relative humidity	0 ~ 95%(no condensation)
Color	Black

Features:

1. Route multiple HDMI sources to multiple HDMI devices through Lan switch supporting IGMP
2. Offer scalable and flexible input-output matrix configuration, allows 99 input to infinite output.
3. The highest resolution supported is up to 1080P@60Hz
4. Deliver HDMI signal up to 120m over network cable
5. CAT5/5e/6 cable compatible
6. Support point to point and point to multipoint connection
7. Support IR pass back function to control source device from RX location.
8. Support computer control software to select and switch source device input.
9. Plug and play.
10. Support to select and switch source device input from receiver via remote control and hard button.

Introduction

This HDMI extender matrix applied advanced HDBitT over IP technology uses Lan switch supporting IGMP to construct a many to many HDMI extender matrix function. It allows up to 99 pcs transmitters and unlimited receivers in theory. This product delivers reliable HDMI signal over single CAT5/5e/6 cable up to 120m/394ft.

