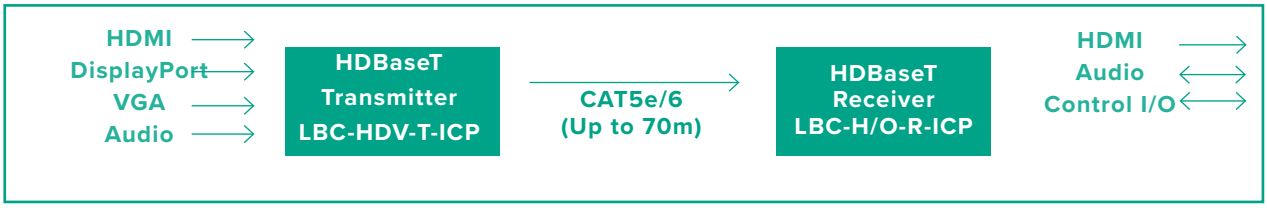
LinkBridge™ HDBaseT- HDMI/DisplayPort/VGA Transmitter with Integrated Control Processor

LBC-HDV-T-ICP



OVERVIEW

The LBC-HDV-T is a multi-format switcher that allows you to extend your HDMI, DisplayPort or VGA video signals up to 70 meters away over one CAT5e/6 cable. The audio port is independent and could be inserted into any of the video signals for embedding audio. This product can be controlled via LAN, RS-232, contact closure, or the physical buttons on the front panel. It's low-profile design makes this the ideal transmitter to be used in classrooms, conference rooms, huddle rooms and classrooms.

FEATURES

- Switch and extend HDMI, DisplayPort or VGA signals up to 70 meters over CAT 5e/6 cable
- HDTV video resolutions up to 720p/1080i/1080p @60Hz or 1920×1200 @60Hz
- Ultra HD (4K2K @30Hz)
- Fully uncompressed video with embedded audio provides zero loss of quality
- Selectable manual or auto-switching between HDMI, DisplayPort and VGA inputs
- Manual switching configured through LinkBridge HDBaseT HDMI Receiver with Integrated Control Processor (LBC-H/O-R-ICP)
- Video/Audio+Data over 1 CAT 5e/6 cable with true DDC/EDID/HDCP transmission
- Compatible with LBC-H/O-R-ICP

VIDEO SPECIFICATIONS

Resolution	(HDMI) up to 4K2K@30Hz (DisplayPort) up to 4K2K@30Hz (VGA) up to 1920x1200@60Hz
Connectors	HDMI/DisplayPort and VGA Female Plug
Protocol	DDC/EDID/HDCP Capable

AUDIO

Channel Capacity	1 L/R Analog
Operating Mode	Unbalanced (Stereo Audio)
Connector	3.5mm Stereo Jack

CONTROL

Channel Capacity	1
Signal Format	RS-232 or Ethernet
Data Rate	19.2k baud (RS-232)
Connector	Terminal Block (RS-232) RJ-45 (Ethernet)

HDBASE-T TRANSMISSION

Cable Type	CAT5e/6 or higher
Number of Cables	1
Connector/Distance	RJ-45 (up to 70m)

REMOTE POWERING

24V DC	Local or remote power from LBC-H/O-R-ICP

PHYSICAL

Dimensions Standalone	7.48”(W) x 4.12”(D) x 1.16”(H)
Power Consumption	+24V DC, 1A (Max)
Operating Temperature	0 to 40°C
Humidity	5 to 95% RH, Non-Condensing

CERTIFICATIONS

FCC, CE

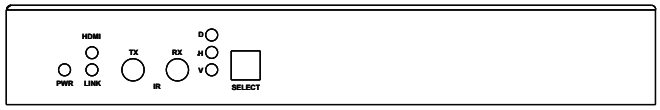
GREEN COMPLIANCE

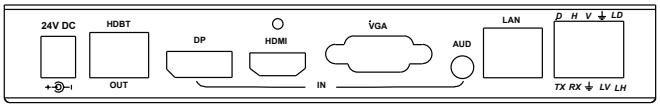
RoHS

ORDER INFORMATION

LBC-HDV-T-ICP	LinkBridge™ HDBaseT HDMI/ DisplayPort/VGA Transmitter with Integrated Control Processor

PANEL DRAWING





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