LBC-HDMI-R-SCL

HDMI w/ Audio · 1 → LAN 2-Way → IR/RS232 2-Way → PoH 2-Way

Link Bridge™ Auto-Scaling Receiver System

LBC-SCL HDbaseT Auto-scaling Receiver
(Front & Back)

Application Diagram

HDBT ↔ [device] → HDMI → Audio ↔ LAN ↔ RS232/IR

LB-SCL Auto-Scaling Receiver

VIDEO OUTPUT

Signal Format	HDMI
Graphic Resolution	Up to 1080p & 1920 x 1200, 60 Hz
Frequency Bandwidth	1.65Gbps

DATA

Network	LAN
Data Rate	100Mbps
Connector	RJ45
IR	Infrared
Data Rate	30 - 50KHz
In/ Out connectors	3.5mm stereo
Serial Control	RS232
Data Rate	Up to 57.6Kbaud
Connector	DB9 Serial

HDBT TRANSMISSION

HDBT Cable Type	CAT 5e/6 or higher
Number of Cables	1
Connector/ Distance	RJ-45/ 100m

PHYSICAL

Dimension	5.71" (W) x 7.91"(D) x 1.18"(H)
Power Consumption	+24VDC @ 2.7 Amps (Max.)
Operating Temperature	0 to +40ºC
Humidity	20 to 90% RH, Non-Condensing

ORDERING INFORMATION

LBC-HDMI-R-SCL, HDBaseT Auto-Scaling Receiver, HDMI Out
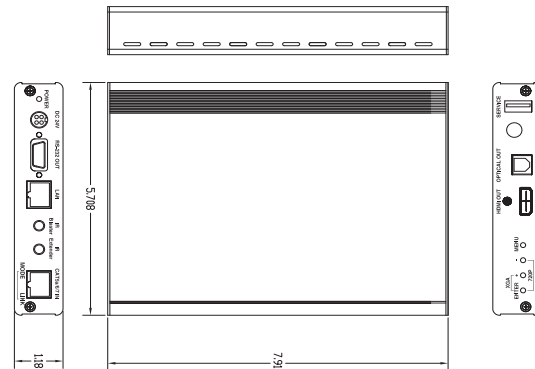
Add -UPS for International Universal Power Supply

FEATURES

Supports Input/ Output Resolution up to 1080p & 1920 x 1200 @ 60Hz

High performance video scaler with OSD Menu Control

Supports HDMI w/ embedded audio & Optical audio extraction

Compatible with LB-CH chassis rack mount system

Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB level, and scan size

Auto-EDID support, Automatically detect the factory setting of the connected display

Supports 5 play HDBaseT, Video/Audio+LAN+IR+RS232+PoH

SUPPORTED RESOLUTIONS

Resolution	Vertical Refresh Rate (Hz)
640x480	60
800x600	60
1024x768	60
1360x768	60
1280x720	60
1280x800	60
1280x1024	60
1440x900	60
1400x1050	60
1680x1050	60
1600x1200	60
1920x1080	60
1920x1200	60
720x480P	60
1280x720P	60
1920x1080I	60
1920x1080P	60
720x576P	50
1280x720P	50
1920x1080I	50
1920x1080P	50

DIMENSIONS

DOING MORE WITH ONE CABLE