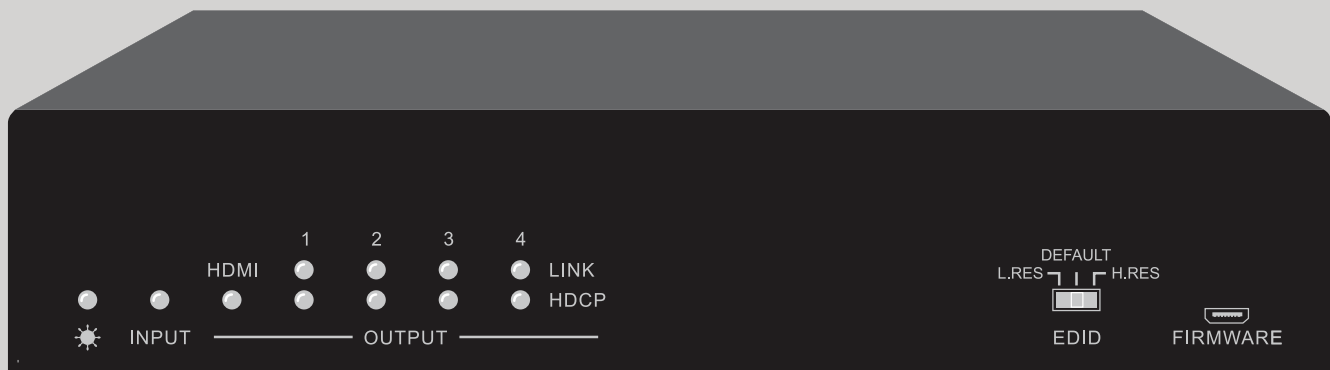


DATA SHEET

VS-HDB-1X4

HDBASET VIDEO SPLITTER 1X4

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM



OVERVIEW

HDBASET VIDEO SPLITTER 1X4 DATA SHEET

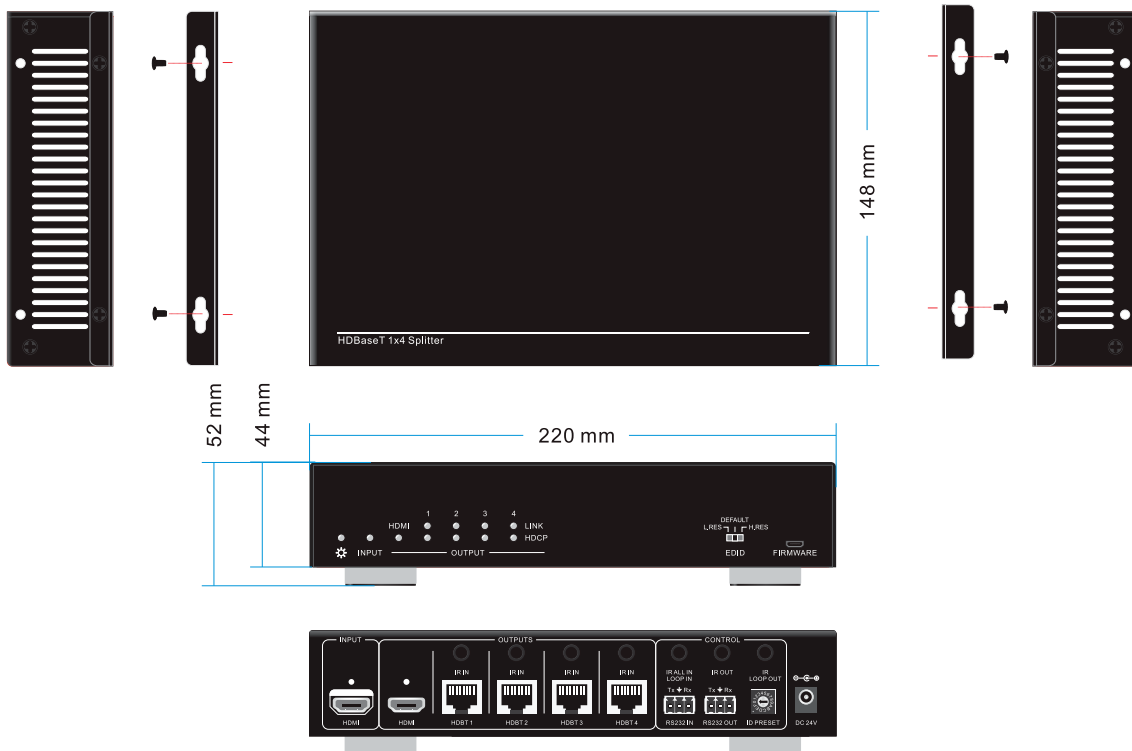
INTRODUCTION

The HDBaseT Video Splitter, 1 x 4, 4K UHD, Smart EDID accepts a single HDMI input and splits it into four HDBaseT outputs. The splitter is designed with an HDMI loop out, which is intended to cascade to additional units. It supports video resolutions up to 4K @ 60 Hz and all HDMI audio formats. It can extend 1080p signals on each output to a distance up to 229 feet (70 meters) and 4K signals to a distance up to 131 feet (40 meters) over a single CATx Ethernet cable. It supports the Power over HDBaseT (PoH) feature, which allows the compatible receivers to be powered from the splitter over the Ethernet cables. It also supports bidirectional IR and RS-232 pass-through and loop output.

FEATURES

- SPLITS A SINGLE HDMI INPUT TO FOUR HDBASET OUTPUTS AND ONE HDMI LOOP OUTPUT
- SUPPORTS VIDEO RESOLUTIONS UP TO 4K @ 60 HZ 4:2:0
- EXTENDS 1080P SIGNALS ON EACH OUTPUT TO A DISTANCE UP TO 229 FEET (70 METERS) AND 4K SIGNALS TO A DISTANCE UP TO 131 FEET (40 METERS) OVER A CATX ETHERNET CABLE
- SUPPORTS THE POWER OVER HDBASET (POH) FEATURE, ALLOWING THE COMPATIBLE HDBASET RECEIVERS TO BE POWERED BY THE SPLITTER OVER THE ETHERNET CABLES
- SUPPORTS BIDIRECTIONAL IR AND RS-232 PASS-THROUGH AND LOOP OUT
- SMART EDID MANAGEMENT. FEATURES DIP SWITCH TO SELECT THE OUTPUT RESOLUTION TO MATCH THE CONNECTED DISPLAYS
- FULLY COMPLIANT WITH THE HDMI 1.4 SPECIFICATION
- SUPPORTS HDCP PASS-THROUGH MANAGEMENT
- SUPPORTS FIRMWARE UPDATE
- INTUITIVE INDICATOR FOR CONNECTION STATUS

DIMENSIONAL DIAGRAM



SPECIFICATIONS

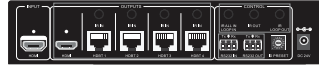
HDBASET VIDEO SPLITTER 1X4 (VS-HDB-1X4)

FRONT VIEW



VS-HDB-1X4

BACK VIEW



VS-HDB-1X4

WHAT'S INCLUDED WITH THE SPLITTER

- (1) HDBASET VIDEO SPLITTER, 1 X 4, 4K UHD, SMART EDID
- (2) MOUNTING EARS WITH (4) SCREWS
- (4) CIRCULAR PLASTIC CUSHIONS
- (1) 3-PIN TO 3-PIN RS-232 CABLE (FOR RS-232 LOOP OUT CASCADING)
- (1) 3-PIN TO DB9 RS-232 CABLE
- (1) 3.5-MM AUDIO CABLE (FOR IR LOOP OUT CASCADING)
- (4) IR RECEIVERS
- (1) IR EMITTER
- (1) POWER ADAPTER (24 VDC, 2.71 A)

HDBASET VIDEO SPLITTER, 1X4, 4K UHD, SMART EDID (VS-HDB-1X4)

VIDEO INPUT

INPUT	(1) HDMI
INPUT CONNECTOR	(1) HDMI Type A female
HDMI INPUT RESOLUTION	Up to 4K x 2K @ 60 Hz 4:2:0

VIDEO OUTPUT

OUTPUT	(1) HDMI, (4) HDBT
OUTPUT CONNECTOR	(1) HDMI Type A female, (4) RJ-45
OUTPUT VIDEO SIGNAL	HDMI, HDBaseT
HDMI OUTPUT RESOLUTION	Up to 4K x 2K @ 60 Hz 4:2:0
HDBT OUTPUT RESOLUTION	Up to 4K x 2K @ 60 Hz 4:2:0

CONTROL

CONTROL PORT	(1) EDID, (1) ID PRESET, (1) IR ALL IN/LOOP IN, (1) IR OUT, (1) IR LOOP OUT, (1) RS-232 IN, (1) RS-232 OUT
CONTROL CONNECTOR	(1) 3-pin DIP switch, (1) DIP switch, (3) 3.5-mm mini jacks, (2) 3-pin Phoenix connectors

POWER

AC ADAPTER INPUT POWER	100 to 240 VAC, 50/60 Hz
INPUT POWER	24 VDC, 2.71 A
POWER CONSUMPTION	45 W (max.)

GENERAL

HDMI STANDARD	HDMI 1.4 with HDCP 2.2
TRANSMISSION MODE	HDBaseT
TRANSMISSION DISTANCE	1080p < or = 229 feet (70 meters); 4K < or = 131 feet (40 meters)
OPERATING TEMPERATURE	14 to 131° F (-10 to 55° C)
STORAGE TEMPERATURE	-13 to +158° F (-25 to +70° C)
HUMIDITY	10 to 90% relative humidity
DIMENSIONS	1.7" H x 8.7" W x 5.8" D (4.4 x 22 x 14.8 cm)
WEIGHT	1.6 lb. (0.7 kg)

