

## Serveredge HDBaseT Multi Input Switcher Transmitter (Tx) with (2) HDMI, (1) VGA, Audio, IR, Control - Up to 100m

Product Code: HD2V-EX-100-HDBT

### PRODUCT DESCRIPTION

The Serveredge HD2V-EX-100-HDBT is a Multi Input Switcher Transmitter (Tx) with (2) HDMI, (1) VGA, Audio, IR, Control Inputs with (1) HDBaseT, Local HDMI Output and Audio Out. It features two HDMI inputs and a VGA input with 3.5mm audio connector. The unit combines the benefits of a switcher with built-in auto-switching and the advantages of extended-distance HDBaseT signal transmission over a single cable. The switcher enables automatic display on/off, auto-switching, third-party control, plus other control features.

The optional Graphical User Interface (GUI) function makes control easy and more effective. The well-designed GUI can free users from giving complex commands. It allows you to name and portray your source and display icons for a user-friendly operation.

Multi-functions for EDID setting, like EDID Copy and EDID Pre-setting, ensuring accurate output display. Enable the unit to separately learn Audio and Video EDID for multimedia/ Home theatre system integration it can also read and store the EDID from the connecting display to the video extension.

It supports resolutions up to UHD (3840 x 2160) and Full HD (1920 x 1080) and is compatible with most of the popular screen resolution. This Serveredge HD2V-EX-100-HDBT extender kit is HDCP compliant and only requires single power supply at either transmitter or receiver end. It features compact size for easy set up and install.

### PRODUCT SPECIFICATION

#### Technical Specifications:

Input :	HDMI x 2, VGA + Analog Stereo x 1
Output :	HDMI x 1 + Analog Stereo x 1
Connection :	RJ-45 x 1
LED Indicator (Power / Status) :	Source x 3 Remote x 1, Local x 1
Push Button :	Port Select x 3, Function x 1 Remote x 1, Local x 1 EDID Copy x 1
IR Extension :	IR Transceiver x 1 IR Receiver x 1
Signal Configuration	
Video :	Auto / Inventory
Audio :	Auto / Inventory
Mode Configuration :	Switch / Auto / Pri-A / Pri-B
Link Port Configuration :	Auto Power Saving / Normal / Long Reach
Video Resolution (Max.) :	UHD (3840 x 2160) for HDMI Full HD (1920 x 1080) for VGA
Extension Distance* :	
HDMI :	100M @ Full HD (1920 x 1080) 70M @ UHD (3840 x 2160)
VGA :	100M @ Full HD (1920 x 1080)
Enclosure :	Metal
Power Supply:	DC 12V



\*Above video resolution and extension distance are based on a single CATx 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables, and coiling of excess cable lengths should be avoided.

### PRODUCT FEATURES

#### 3x1 HDBaseT™ switcher

Features two HDMI inputs plus a VGA input with 3.5mm audio connector, which allows advanced HDMI display devices to be used with legacy VGA sources

Transmits HDMI signals up to 100m @ 1080p and 70m @ 4K/UHD using CAT6a/7 cable. Uses easy-to-integrate category cable for low-cost, reliable system installation

#### Auto-switching

Selects active input when sources are connected or if there is a change in source power status. Eliminates need for complex control system in small AV systems

Flexible control options for compatibility with 3rd-party control systems. RS-232 controlled from HDBaseT connection reduces integration time and costs. Front panel Input Select button and Remote for easy switching between sources. Input source sequence selectable

#### Graphical User Interface (GUI)

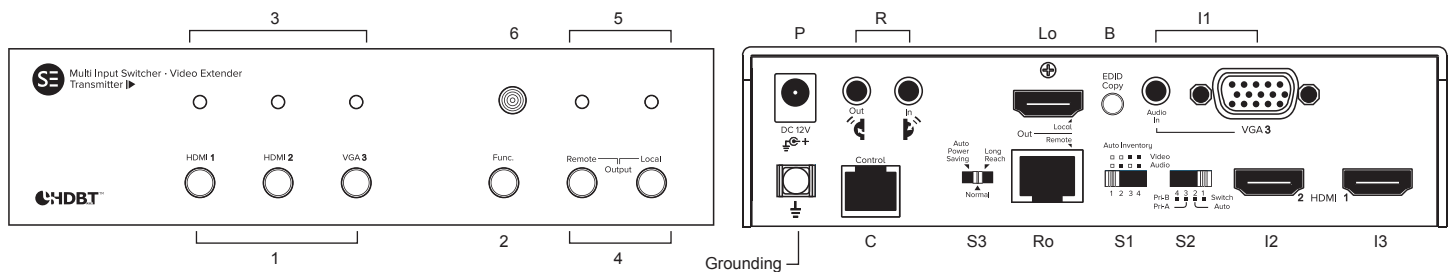
Allows you to name and portray your source and display icons for a user-friendly operation. Makes control easy and more effective

**Warranty : 2 Years**

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### PHYSICAL DESCRIPTION



1 :	Input Port Button	Source Selection
2 :	Function Button	System Configuration
3 :	Input Port LED	Source x 3
4 :	Output Port Button	Turn ON / OFF Output Signal
5 :	Output Port LED	Remote x 1, Local x 1
6 :	IR Sensor	IR remote controller sensor
I1 :	Input Port	Connect to VGA + Analog stereo Source
I2 :	Input Port	Connect to HDMI Device
I3 :	Input Port	Connect to HDMI Device
Ro :	Remote Output Port	Connect to a receiver
Lo :	Local Output Port	Connect to an HDMI display
B :	EDID Copy Button	Pair with EDID Stting Switch to copy monitor's EDID
S1 :	EDID Setting Switch	Mode 1 : Video Auto/Audio Auto; Mode 2 : Video Auto/Audio Inventory; Mode 3 : Video Inventory/Audio Auto; Mode 4 : Video Inventory/Audio Inventory
S2 :	EGO Setting Switch	Switch, Auto, Priority-A, Priority-B
S3 :	Link Port Switch	Auto Power Saving, Normal, Long Reach
R :	IR Connector	[In] Connect to IR Receiver [Out] Connect to IR Transceiver
C :	Serial Port	Connect to a serial console (PC)
P :	Power Supply	Apply power to the unit

### CONNECTION GUIDE

