

### Overview:

The HDMI – VGA/Audio Wall-Plate Transmitter is a Decora® style transmitter that installs in a double-gang wall box to provide a convenient interface for HDMI / VGA input sources. It has one (1) HDMI IN, one (1) VGA IN, one (1) Audio In and one (1) HDBaseT Out. It supports VGA with full HD scaler, and HDMI 1.4 with 4k& 3D, input signals support auto-switching and manual-switching.

The HDBaseT output supports 60m UHD video transmission, enables bi-directional RS232 communication between HDMI – VGA/Audio Wall-Plate Transmitter and remote device. The unit is powered by a 12VDC Power Supply.

### Applications:

Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, medical information systems.

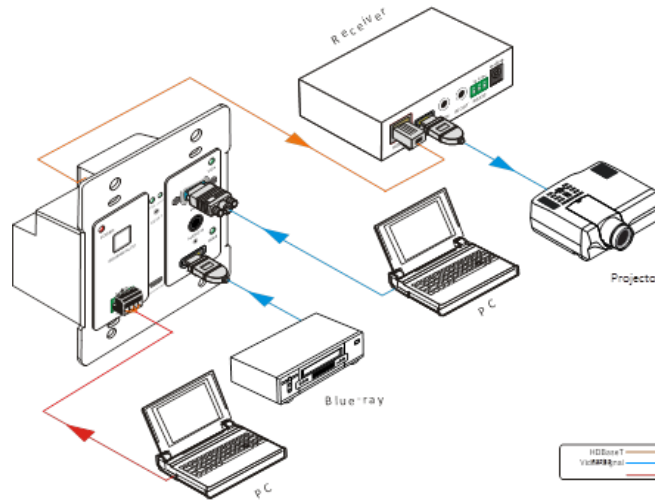
### Features:

- Selectable HDMI/ VGA with audio input
- Support of VGA output resolution up to 1920x1200
- High bandwidth: 10.2Gbps
- Built-in scaler function supports scaling HDMI/ VGA signals to match the native resolution of the display
- Transmission of HDMI signals up to 4K
- Compliant with HDMI 1.4, supports 1080p and 3D
- HDCP compliance, equipped with HDCP auto-tracking solution
- Auto-switching capability
- Support of multiple control methods including front panel buttons and RS232. Serial interface supports bi-directional RS232 pass-through control
- Supports firmware upgrading via USB
- Powered by local 12VDC power supply.
- Aluminium design for elegant and better cooling

<b>Environment</b>	HDMI 1.4
<b>Devices</b>	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.
<b>Transmission</b>	Transparent to the user
<b>Video Bandwidth</b>	10.2 Gbps
<b>Video Resolution</b>	VGA: 800 x600, 1024 x 768, 1280 x 800,1280 x 1024, 1440 x 900,1600 x 1200, 1920 x 1080, 1920 x 1200; HDMI: 4K @ 24, 25 & 30 Hz, 3D 1080p/1080i/720p/576p/ 576i/480p/480i
<b>Audio Bandwidth</b>	20Hz to 20KHz
<b>Audio Impedance</b>	>10Ω
<b>Audio SNR</b>	>85dB @ 20Hz to 20KHz
<b>Signals</b>	HDMI 1.3a protocol and HDCP
<b>Connectors</b>	One (1) HDMI receptacle. One (1) VGA HD-15 receptacle One (1) Audio 3.5mm Stereo Jack Two (2) 3 pin terminal block for RS232 One (1) 2 pin terminal block for Power One (1) RJ45S for Cat 5e/6 unshielded or shielded twisted pair <i>Note: HDMI cables not included.</i>
<b>Maximum Distance</b> <i>Based on a maximum length of 6.6 ft. (2 m) of HDMI cable per end.</i>	Cat 5e/6: 230 ft (70 m) up to 1080p Deep Color 131 ft (40 m) for 4K; 3840 X 2160/24, 25 & 30 Hz <i>Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.</i>
<b>Cable</b>	One (1) Cat 5e/6 or better twisted pair cable required
<b>Compatible Receiver</b>	500451-RX (No Serial Port) 500454-RX
<b>Power Supply</b>	One (1) 110-240V/12VDC power supply with interchangeable blades
<b>Power Consumption</b>	10.3 Watt
<b>Temperature</b>	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
<b>Enclosure</b>	Metal
<b>Chassis Style</b>	Decora® two gang
<b>Dimensions</b>	4.11" x 3.50" x 1.73" (104.5 x 89 x 44 mm)
<b>Weight</b>	1.35 lb (0.61 kg)
<b>Compliance</b>	Regulatory: FCC, CE, RoHS, UL, cUL, TUV
<b>Warranty</b>	2 years
<b>Order Information</b>	500455-TX HDMI – VGA/Audio Wall-Plate Tx, UHD-4K (UPC: 627699904558) 500919 - Optional Decora 2-gang Brushed Aluminum Plate (UPC: 6276999009192)

# HDMI – VGA/Audio Wall-Plate Transmitter, UHD-4K 500455-TX

## Typical Application:



## Product Photos:

