VS-44DT is a 4x4 4K@60Hz (4:2:0) HDMI/HDBaseT matrix switcher that transmits video, audio, Ethernet, RS-232 and IR signals over extended distances. The unit accepts up to four HDMI and four IR inputs as well as Ethernet and RS-232 network and control. The inputs can be routed to any or all of the four HDBaseT outputs, the first two of which also have simultaneous HDMI outputs. VS-44DT connects to compatible HDBaseT receivers such as, TP-780RXR, TP-580RXR and TP-588D. It supports resolutions of up to 4K@60Hz (4:2:0) and WUXGA. The matrix is a PoE provider that provides power over Ethernet to compatible PoE receivers.

FEATURES

Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)
Max. Resolution - 4K@60Hz (4:2:0) and WUXGA
HDBaseT Range - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC-UNIKAT cables
Cables - For optimum range and performance, use the recommended Kramer cables available at www.kramerav.com/product/VS-44DT
HDBaseT Extension - Includes Video, Audio, Ethernet, RS-232 and IR signals
Outputs - 4 HDBaseT with outputs 1 and 2 having simultaneous HDMI outputs
PoE Support - PoE provider to HDBaseT receivers such as the TP-588D and TP-780RXR
HDTV Compatible
HDCP Compliant
EDID Capture - Copies and stores the EDID from a display device
Non-Volatile Memory - Stores and recalls preset matrix configurations
Automatic Output Shutdown - If no input signal is detected after a configurable idle period
Kramer Protocol 3000 Support
Lock Button - Prevents unwanted tampering with the settings
Flexible Control Options - Embedded Web server, RS-232, IR remote (available upon request)
Worldwide Power Supply - 100–240V AC
## TECHNICAL SPECIFICATIONS

**INPUTS:**
- 4 HDMI on HDMI connectors, 5 IR on 3.5mm mini jack connectors

**OUTPUTS:**
- 2 HDMI connectors, 4 HDBaseT on RJ-45 connectors, 5 IR on 3.5mm mini jack connectors, 1 unbalanced stereo audio on a 3.5mm mini jack connector

**PORTS:**
- 1 Ethernet on an RJ-45 connector, 1 program on a USB connector, 1 RS-232 control on a 3-pin terminal block, 1 RS-232 data on a 3-pin terminal block

**MAX. DATA RATE:**
- 10.2Gbps (3.4Gbps per graphic channel)

**SUPPORTED RESOLUTIONS:**
- VGA to WUXGA (reduced blanking), 4Kx2K @30Hz with Deep Color up to 36bpp

**HDMI RANGE:**
- 15m (49ft) @ 8bit resolution, 10m (33ft) @ 12 bit resolution

**HDBaseT RANGE:**
- 100m (328ft) 4K @30Hz 180m (590ft) 1080 @60Hz@24bpp

**POWER CONSUMPTION:**
- 100–240V AC, 50/60Hz, 60VA

**OPERATING TEMPERATURE:**
- 0° to +40°C (32° to 104°F)

**STORAGE TEMPERATURE:**
- -40° to +70°C (-40° to 158°F)

**HUMIDITY:**
- 10% to 90%, RHL non-condensing

**COOLING:**
- Fan

**ENCLOSURE TYPE:**
- Aluminum chassis

**VIBRATION:**
- ISTA 1A in carton (International Safe Transit Association)

**SAFETY REGULATORY COMPLIANCE:**
- CE

**ENVIRONMENTAL REGULATORY COMPLIANCE:**
- Complies with appropriate requirements of RoHs and WEEE

**INCLUDED ACCESSORIES:**
- Rack “ears”, IR blaster, IR remote control (upon request)

**Product Dimensions**
- 19” x 13.90” x 1U (43.6cm x 35.30cm x 4.36cm) W, D, H

**Product Weight**
- 3.3kg (7.3lbs) approx

**Shipping Dimensions**
- 54.30cm x 44.20cm x 10.70cm (21.38” x 17.40” x 4.21”) W, D, H

**Shipping Weight**
- 4.1kg (9.0lbs) approx