



## VS-44DT

4x4 4K60 4:2:0 HDMI/HDBaseT Extended-Reach PoE Matrix Switcher



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](http://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.
- HDMI Support - 3D, Deep Color, x.v.Color™, Lip Sync, Dolby® TrueHD, Dolby Digital Plus, DTS-HD® and 7.1 PCM.
- 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 (included).
- 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 receiver RC-IR3 remote control transmitter.
PRODUCT DIMENSIONS:	19" x 13.90 x 1U (43.6cm x 35.30cm 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.

