



## VS-44DT

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

| HDMI | Ethernet - RJ-45 | HDBaseT



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 (available upon request)

**Worldwide Power Supply** - 100-240V AC



## TECHNICAL SPECIFICATIONS

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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



