



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

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 remote control (upon request) |
| Product Dimension | 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 Dimension | 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 |

