VS-44DT
4x4 4K60 4:2:0 HDMI/HDBaseT
ExtendedReach PoE Matrix Switcher

| HDMI | Ethernet - RJ-45 | HDBaseT

VS44DT is a 4K@60Hz (4:2:0) HDMI/HDBaseT matrix switcher with HDMI and HDBaseT output transmitters that provide video, audio, Ethernet, RS232 and IR signal extension. The unit accepts up to four HDMI and four IR inputs as well as Ethernet and RS232 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. VS44DT connects to compatible HDBaseT receivers such as, TP780RXR, TP580RXR and TP588D. It supports resolutions of up to 4K@60Hz (4:2:0) and WUXGA

FEATURES

Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)

Max. Resolution - Up to 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 BCUNIKAT cables

HDBaseT Extension - Includes Video, Audio, Ethernet, RS232 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 TP588D and TP780RXR

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, DTSHD® and 7.1 multichannel audio

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, RS232, IR remote (included)

Worldwide Power Supply - 100240V AC

TECHNICAL SPECIFICATIONS

INPUTS:	4 HDMI on HDMI connectors, 5 IR on 3.5mm mini jack connectors
OUTPUTS:	2 HDMI connectors, 4 HDBaseT on RJ45 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 RJ45 connector, 1 program on a USB connector, 1 RS232 control on a 3pin terminal block, 1 RS232 data on a 3pin 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:	100240V AC, 50/60Hz, 60VA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	−40° to +70°C (−40° to 158°F)
PRODUCT DIMENSION:	19" x 9.34 x 1U (43.6cm x 23.72cm 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
HUMIDITY:	10% to 90%, RHL noncondensing
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 RCIR3 remote control transmitter

HDMI

BD Player

External
IR
Sensor

External
IR
Emitter

Remote
Control

TP-580RXR

TP

TP-580Rx

Active
Speakers

Audio

Eth.

HDMI

HDMI

Blu-ray
Disk Player

LCD Display
with Speakers

HDMI

Display

Display

HDMI