

V-Trans 3X



3x video extender over a single fiber-optic cable

V-Trans 3X is a fiber-optic video extender capable of real-time transmission of three analog or digital video signals to remote monitors, beamers, or other digital display devices. It transmits the video signals over distances of 400 meters and greater, using only a single fiber-optic cable.

Uncompressed real-time video

Using a 12-fiber multimode fiber-optic cable, the video signals are sent without any compression, and thus without data loss. Depending on distance, 60.5µm or 50µm diameter fibers are used, permitting video to be sent over 400 meters and more. The transmission is completely resistant to electromagnetic interference, and impossible to intercept.

HDTV compatible

With digital input, V-Trans 3X supports all resolutions up to 1920x1200 @ 60Hz. With analog video input, all standard resolutions up to 1600x1200 @ 60Hz are supported. V-Trans 3X is HDTV compatible up to 1920x1080 @ 60Hz.

Automatic video mode detection

All three input channels support both analog and digital signals. The input video mode is automatically detected. The transmitter features three local outputs for control monitors.

V-Trans 3X also has an RS-232 port which allows users to manually adjust settings, and to upgrade the device's firmware using a Windows-PC.

Transmitter and receiver

V-Trans 3X consists of a transmitter and a receiver unit, in standard desktop casing. An optional 19" rack mount kit is available.

Wide range of applications

V-Trans 3X has a wide range of uses from data processing and industrial use to indoor and outdoor events, presentations, education, media production and digital signage. V-Trans 3X is used wherever high-resolution video in perfect quality and real-time is required.

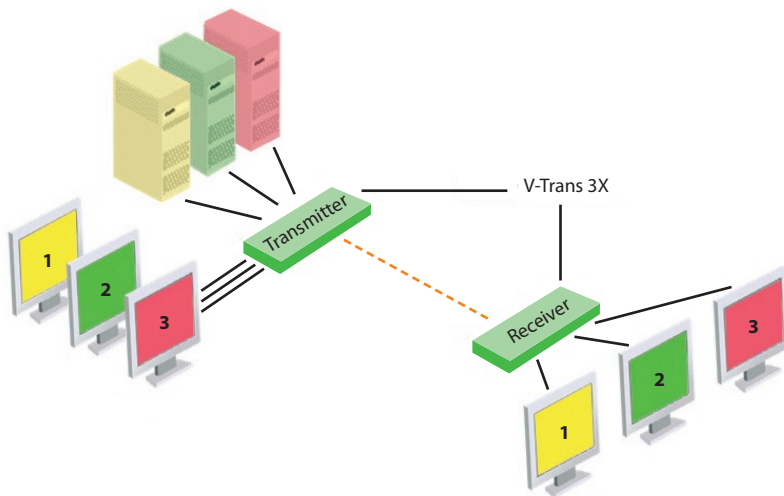
V-Trans 3X at a glance -

A unique combination of features:

- Transmits 3 video signals over 1 fiber-optic cable (12-fiber multimode)
- Local monitor port for each input
- Automatic analog/digital input detection (and/or optional: manual selection to reduce detection time)
- 100% real-time transmission



V-Trans 3X



More features:

- Accepts both analog (VGA) and digital (DVI) signals
- Supports all HDTV resolutions
- 100% uncompressed transmission
- Fully digital transmission
- Maximum resolution: 1600 x 1200 (VGA), 1920 x 1200 (DVI)
- Distance of transmission: 400 meters (1200 feet) and more, depending on type of cable and video mode
- Benefits of fiber-optic cables: longer transmission distances, no influence of electromagnetic interference (EMI), bug-proof
- Internal power supply

Technical data

Casing:	stainless steel, powder coated dimensions: 219 x 170 x 43 mm (WxDxH) color: black (RAL 9005)
Interfaces:	transmitter: 3 x DVI-I input, 3 x DVI-I output (local) receiver: 3 x DVI-D output optional: HDMI – DVI cable (no HDCP)
Transmission medium:	12-fiber parallel multimode fiber-optic (50/125 µm or 62.5/125 µm), MTP/MPO connector
Transmission bandwidth (max):	3 x 165 MHz
Maximum length of fiber cable:	300 meters @ 62.5 µm 400 meters and more @ 50 µm
Maximum resolution:	1920 x 1200 @ 60 Hz (digital input) 1600 x 1200 @ 60 Hz (analog input)
HDTV compatibility:	up to 1920 x 1080 @ 60 Hz, progressive
Power supply:	internal AC adapter, 100-240V, 50/60 Hz
Power consumption:	max. 20 watts
Operating temperature:	5° to 45° C
Storage temperature:	-10° to 60° C
Relative humidity:	5 to 85% non-condensing
Weight:	TX: 1,3 kg, RX: 1,2 kg
Certificates:	CE, FCC, RoHS compliant

Ordering information

HE-VTR-3X-TX	Triple video signal extender - Transmitter desktop, black (RAL 9005)
HE-VTR-3X-RX	Triple video signal extender - Receiver desktop, black (RAL 9005)
HE-VRMK-3X	19" rack mount kit
HW-LWL-12F	Fiber-optic cable, connector system: MTP/MPO, 12-fiber parallel multimode, G50/125µ, uncrossed
Complementary product:	V-Trans USB: USB 1.1 or USB 2.0 extender by HETEC

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