Kramer's 613R/T is a receiver/transmitter pair for digital video signals up to 3G HD-SDI. The 613T converts the digital signal into an optical signal that it transmits over single-mode fiber optic cable and the 613R decodes the optical signals back to the original digital format video signal.

FEATURES

- **Maximum Data Rate** - 3Gbps
- **HDTV Compatible**
- **Multi-Standard Operation** - SDI (SMPTE 259M and SMPTE 344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M) & DVB-ASI
- **Laser Standards Compliance** - IEC 60825-1, FDA 21CFR1040; Laser Class 1: Safety of laser products
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances
- **System Range** - Up to 30km (18.6mi) at 3G-HD-SDI (1080p)
- **Fiber Cable** - Single-mode fiber optic with ST connectors
- **Compact Size** - Part of the Kramer TOOLS™ family of compact, high-quality and cost-effective solutions
TECHNICAL SPECIFICATIONS

INPUTS: 1 SD/HD/3G HD−SDI, 75Ω on a BNC connector (613T); 1 ST optical connector (613R)

OUTPUTS: 1 ST optical connector (613T); 1 SD/HD/3G HD−SDI, 75Ω on a BNC connector (613R)

MAX. DATA RATE: Up to 3Gbps

MAXIMUM RANGE: 30km (18.6 Miles) @1080p, 3G−SDI format

FORMAT: SMPTE 424M (3G HD−SDI); SMPTE 292M (HD−SDI); SMPTE 259M (SDI, DVB−ASI)

RESOLUTION: Up to WUXGA @60Hz (1.65Gbps)

POWER CONSUMPTION: 5V DC, 1.5A

OPERATING TEMPERATURE: −20° to +70°C (−4° to 158°F)

STORAGE TEMPERATURE: −30° to 85°C (−22° to 185°F) ambient

HUMIDITY: 5% to 95% RH

INCLUDED ACCESSORIES: 2 power supplies