



KRAMER

613R/T

3G HD-SDI Mini Optical Receiver & Transmitter

| 3G HD-SDI - BNC | Fiber Optic



The 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 - Up to 3Gbps

HDTV Compatible

Multi-Standard Operation - SDI (SMPTE 259M and SMPTE 344M), HDSDI (SMPTE 292M), 3G HDSDI (SMPTE 424M) & DVBAISI

Laser Standards Compliance - IEC 608251, 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 3GHDSDI (1080p)

Fiber Cable - Singlemode fiber optic with ST connectors

Compact Size - Part of the Kramer TOOLS™ family of compact, highquality and costeffective solutions



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TECHNICAL SPECIFICATIONS

INPUTS:	1 SD/HD/3G HDSDI, 75 on a BNC connector (613T); 1 ST optical connector (613R)
OUTPUTS:	1 ST optical connector (613T); 1 SD/HD/3G HDSDI, 75 on a BNC connector (613R)
MAX. DATA RATE:	Up to 3Gbps
MAXIMUM RANGE:	30km (18.6 Miles) @1080p, 3GSDI format
FORMAT:	SMPTE 424M (3G HDSDI); SMPTE 292M (HDSDI); SMPTE 259M (SDI, DVBAISI)
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
DIMENSIONS:	1.9cm x 8.3cm x 1.9cm (0.75" x 3.3" x 0.75") W, D, H
WEIGHT:	0.1kg (0.2lbs) approx
INCLUDED ACCESSORIES:	2 power supplies

