



Fiber Optic Video Transmitter/Receiver

611T/611R

The Kramer 611T is a high performance composite video to fiber optic transmitter, and the 611R is its receiving unit which converts the fiber optic signal back to standard video. Transmission via fiber carries signals much farther than ordinary coax cable, and is lighter. Another advantage of fiber transmission is complete ground isolation between source and display. A simple system consists of a 611T located at the video source, and a 611R at the accepting device. Standard

units use multi-mode technology allowing up to 5 kilometers transmission distance, but single mode versions, available by special order, provide distances up to 25 kilometers. A 12V power supply is provided with each unit.

Both units are part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

INPUTS:	Composite video, 1Vpp / 75 Ω on a BNC.	Optic fiber ST connector.
OUTPUTS:	Optic fiber ST connector.	Composite video, 1Vpp / 75 Ω on a BNC.
OPERATION DISTANCE:	Up to 5 km (multi mode), up to 25 km (single mode).	
VIDEO BANDWIDTH:	55 MHz. (-3 dB), 20 MHz. (-0.1 dB).	
VIDEO S/N RATIO:	Better than 60 dB.	
DIFF. GAIN:	0.4%.	
NON LINEARITY:	0.6%.	
POWER SOURCE:	12 VDC, 80mA (611T), 40mA (611R).	
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 3" x 2"), W, D, H.	
WEIGHT:	0.27 kg. (0.59 lbs.) approx.	
ACCESSORIES:	Power supply, mounting bracket.	
OPTIONS:	19" rack adapter RK-T1, RK-T3 (see pages 6.24, 6.25 for details).	

TYPICAL APPLICATIONS

- Remote monitoring systems for CCTV, medical, broadcast, and industrial use.
- Signal distribution in broadcast and production studios.
- Board room and other presentation systems.
- Rental and staging applications.