

631T/631R

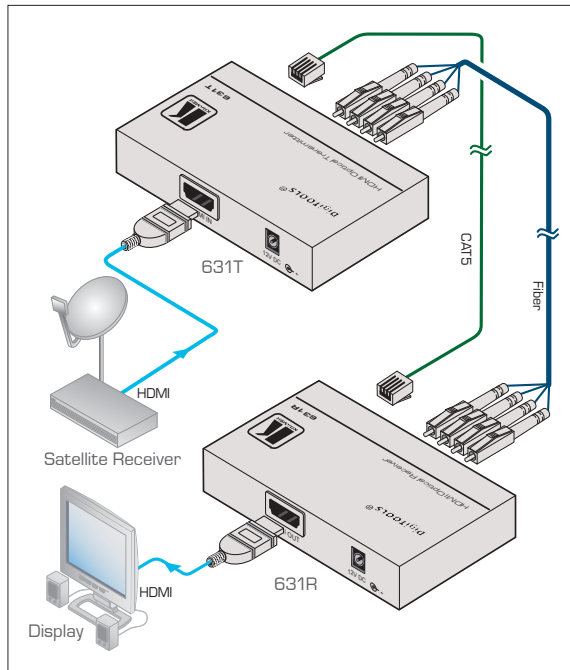
HDMI Optical Transmitter & Receiver



The **631T** and **631R** are an optical transmitter and receiver set for HDMI signals up to 1900x1200 at 60Hz. The **631T** converts a HDMI signal into an optical signal and the **631R** converts the optical signal back to HDMI.

FEATURES

- Max. Data Rate - 2.25Gbps.
- HDTV Compatible.
- HDCP 1.3 Compliant.
- System Range - Up to 100m (320ft).
- Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5 and fiber optic with 4 simplex or 2 duplex LC fiber connectors.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



TECHNICAL SPECIFICATIONS

INPUTS:	HDMI connector (631T); 1 RJ-45 DDC (CAT 5 connector) (631R).
OUTPUTS:	1 RJ-45 DDC (CAT 5 connector) (631T); HDMI connector (631R).
BANDWIDTH:	Supports up to 2.25Gbps bandwidth per graphic channel.
RESOLUTION:	Up to QUXGA (1900x1200 narrow blanking) including 1080p @60Hz, deep color up to 36 bit.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI, using fiber optic communication links and DDC2B.
EXTENSION LIMIT:	100m (>320ft) for UXGA (1900x1200) at 60Hz refresh rate in ultimate operation.
FIBER-OPTIC CONNECTION:	Each has 2 duplex LC receptacles connected to four 62.5/125µm or 50/125µm multimode fiber optic cables.
INDICATOR LEDs:	POWER LED and LINK LED.
POWER SOURCE:	12V DC 140mA.
DIMENSIONS:	12cm x 7.95cm x 2.76cm (4.7" x 3.1" x 1.08") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
ACCESSORIES:	Power supply, bracket installation kit, 1 HDMI/HDMI male-to-male cable.
OPTIONS:	RK-3T 19" rack adapter.

