



KRAMER

670RN

4K UHD HDMI over Fiber Optic Receiver

| HDMI | HDCP Compliant | 4K/60 UHD (4:2:0)



The 670RN is a highperformance fiber optic receiver for 4K UHD HDMI signals. The unit receives an optical signal from the 670TN and converts the light pulses back to an HDMI signal

FEATURES

Max. Resolution - Up to 4K@60Hz (4:2:0) UHD, 2Kx4K and WUXGA

Max. Data Rate - Up to 10.2Gbps

HDTV Compatible

HDCP Compliant

EDID PassThru - Passes EDID signals between the source and display

HDMI Support - Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTSHD, CEC

3D Pass-Through

Signal Transmission - Transmits four TMDS video channels as well as one lowspeed channel for passing HDCP, EDID and a Hot Plug Detect (HPD) signal over one multimode fiber

Laser Standards Compliance - IEC 608251, FDA 21CFR1040; Laser Class 1: Safety of laser products

System Range - 1700m (5570ft) for 1080p, 600m (1970ft) for 4K

Cable - Multimode fiber optic OM3 cable with SC connectors

Compact DigiTOOLS® - 3 units can be rack mounted sidebyside in a 1U rack space with the optional RK3T rack adapter



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TECHNICAL SPECIFICATIONS

INPUTS:	1 SC optical connector
OUTPUTS:	HDMI connector
MAX. DATA RATE:	Supports up to 10.2Gbps bandwidth per graphic channel
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI, using fiber optic communication links and DDC2B
EXTENSION LIMIT:	1700m (>5570 feet) for 1080p/60Hz
INSERTION LOSS FROM TRANSMITTER TO RECEIVER:	Must not exceed 10dB
FIBER-OPTIC CONNECTION:	SC connectors for multimode (OM3) fiber cable (not supplied with the unit)
INDICATOR LEDs:	Video, source, acceptor fiber and on LEDs
POWER CONSUMPTION:	5V DC, 400mA
PRODUCT DIMENSION:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx
SHIPPING DIMENSION:	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
SHIPPING WEIGHT:	0.5kg (1.1lbs) approx
INCLUDED ACCESSORIES:	Power supply, bracket installation kit
OPTIONS:	RK3T 19" rack adapter

