



RB-4K60-MINI

HDMI 2.0 4K @ 60Hz over fiber

The RB-4K60-MINI set is designed to transport an HDMI 2.0 video signal of 4K resolution at 60Hz refresh rate over fiber optic, with high fidelity and with an universal, no settings, plug and play approach. The optical port is built-in single LC/UPC connector running over SMF up to 10Km or up to 300m over MMF. Set has EDID function support and LED indicator for power, fiber link and HDMI status of each converter.

Features

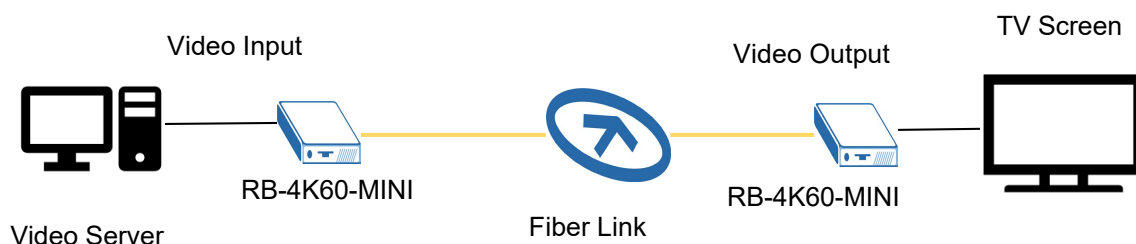
- single 4K HDMI 2.0 signal @ 60Hz over fiber
- Compact metal case design with screw down HDMI connector and twist and lock power connector security
- Runs 10G rate optical link
- No compression, no delay, 4K resolution
- Plug and play design, no settings required
- LED signal for power, fiber and HDMI status information
- All metal casing, hardened design for extreme temperature

Specifications

Optical Interface	Connector	single LC/UPC connector
	Data rate	optical 10G
	Duplex mode	Full duplex
	Fiber	MM 50/125μm, 62.5/125μm or SM 9/125μm
	Distance	10Km over SMF, 300m over MMF
Electrical Interface	Wavelength	1310/1550nm
	Connector	HDMI 2.0 male
	Resolution	4K/2K/60Hz and downwards comp.
	Color spaces	4K60Hz YUV 4:2:0 4K30Hz RGB, YCbCr 4:4:4/4:2:2/4:2:0
	Pixel Clock	340MHz

Standards	HDMI 2.0 4K@60Hz and downwards compatible
Indicators	LED (Power/Fiber Link/HDMI signal)
Power Input	Adapter Type: DC 5V/1A Power Input : AC 100 ~ 240V, 50-60Hz Power plug: US 2 blade, type A connector
Power Consumption	< 2W
Dimensions (D x W x H)	60 x 22 x 17mm (adapter not included)
Weight	Adapter : 80g Converter : 52g
Temperature	-20 ~ 70°C (Operating), -40 ~ 85°C (Storage)
Humidity	10 ~ 90% non-condensing
Certifications	CE, FCC
MTBF	95,000 hrs

Application



Ordering Information

Model Name	Description
RB-4K60-MINI	HDMI 2.0 4K@60Hz to fiber extender set, single LC connector, AC adapters included