

### Overview

The HDMI-over-Coax Extender Kit (500465) allows an HDMI source to be connected to an HDMI receiver up to 250 ft (76 m) at 1080p resolution via one (1) coax cable in a point-to-point configuration. Furthermore, the product may be cascaded via the HDMI-over-Coax Receiver (500465-RX) in order to support multi-display applications.

### Applications

Digital signage, industrial and commercial AV systems, classroom projector systems, boardroom systems, medical information systems, retrofit.

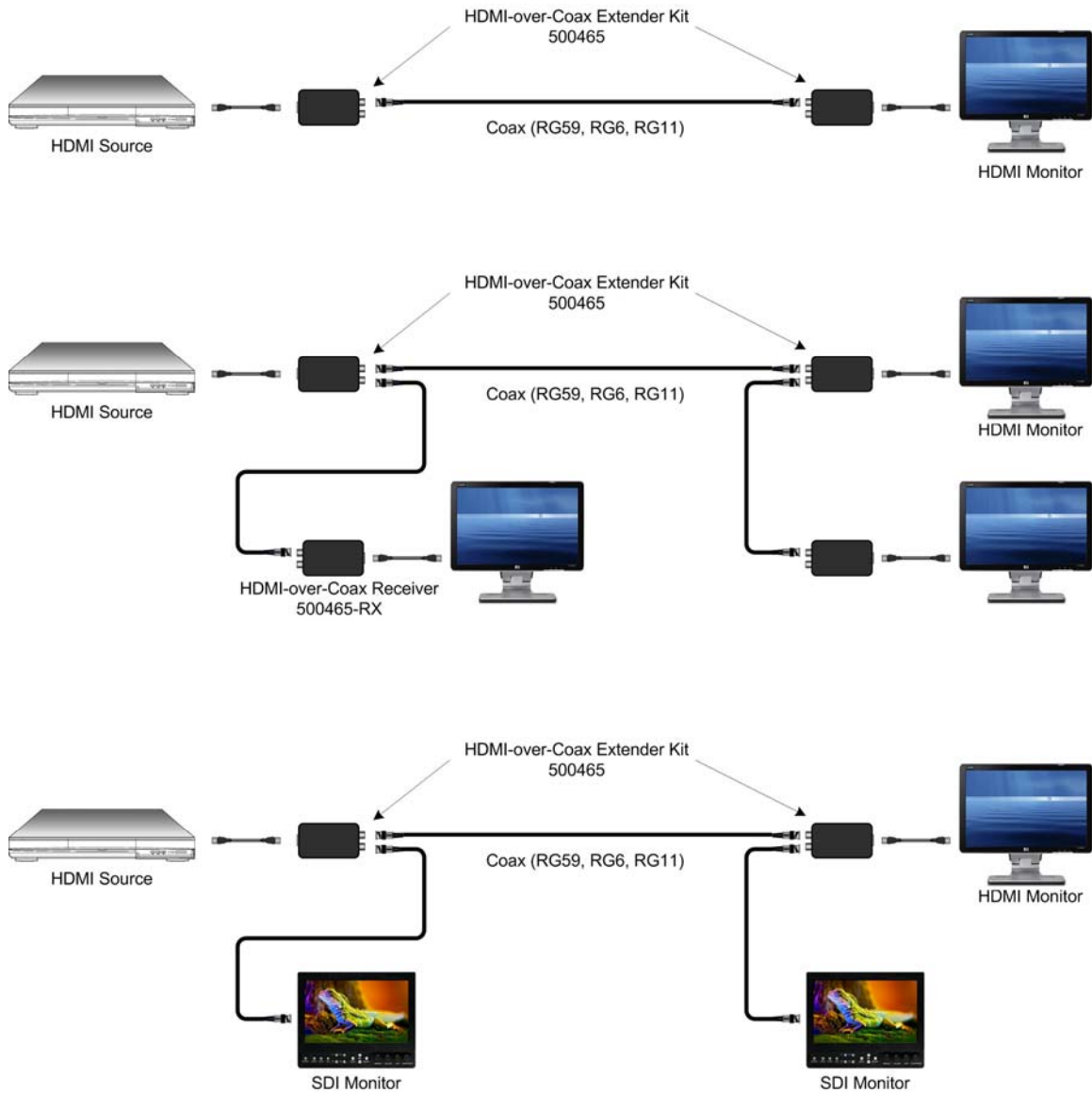


### Key Features

- Supports HDMI over one RG59 coax cable
- Up to 250 ft (76m) at 1080p resolution
- Up to 500 ft (152m) at 1080i/720p resolution
- TX: Converts HDMI to SDI
- RX: Converts SDI to HDMI
- Ideal for harsh electrical environments
- Cascadable on the TX and RX side

Specifications	
Environment	HDMI 1.3a, SDI (SD, HD, 3G)
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI
Transmission	Transparent to the user
Signals	HDMI 1.3a, line level stereo audio
HDCP	HDCP compliant
Connectors – Transmitter	One (1) HDMI receptacle for Input One (1) BNC-F for SDI Link Output One (1) BNC-F for SDI Cascade Output
Connectors – Receiver (500465-RX)	One (1) HDMI receptacle for Output. One (1) BNC-F for SDI Link Input One (1) BNC-F for SDI Cascade Output
Max. Distance via RG59 coax*	480i: RG-59: 650 ft (198 m) RG-6: 800 ft (244 m) 720p, 1080i: RG-59: 500 ft (152 m) RG-6: 650 ft (198m) 1080p: RG-59: 250 ft (76 m) RG-6: 300 ft (91 m)
<i>*Based on a maximum length of 6.6 ft (2m) of HDMI cable per end</i>	
LED Diagnostics	Power (Red) HDMI Sync (Green) SDI Coax Sync (Green)
Cable	One (1) RG59 coax cable.
Power Supply	Two (2) 110-240V/5VDC/2A power supply
Power Consumption	Transmitter: 2.75W Receiver: 5.15W
Temperature	Operating: 0° to 55° C. Storage:-20° to 85° C. Humidity: up to 95% non-condensing.
Enclosure	Metal
Dimensions	4.60" x 2.4" x 1.1" (11.8 x 6.2 x 2.8 cm)
Weight	1.1 lb (.54 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500465 HDMI-over-Coax Extender Kit (includes Tx, Rx, 2x PSU) 500465-RX HDMI-over-Coax Receiver (includes Rx, 1x PSU)

## Typical Applications



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