

Gigabit Ethernet Over Coaxial LAN Extender Receiver - 2.4 km

Product ID: EOC1110R



The EOC1110R Gigabit Ethernet Over Coaxial LAN Extender Receiver (2.4km) is an additional receiver that can be used with the [FOC1110K](#) to create a point-to-multipoint topology, allowing you to span a Gigabit network over extremely long distances (up to 2.4 km) while still maintaining high speed network connectivity.

The device allows you to run the connection over existing coaxial cable with little to no modification required, making it a perfect solution for a broad range of applications, including connecting isolated user stations from within the same building or from a separate building, or overcoming infrastructure obstacles and distances (e.g. older stone/concrete architecture) where new wiring or wireless may be impossible.

When coupled with the EOC1110K Coaxial Ethernet Extender Kit, the Coaxial Ethernet LAN Extender Receiver helps to eliminate expense by allowing video streaming and data to share the same coax cable without interference.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Extend an Ethernet network across an existing closed circuit camera network (over coax) without interrupting the analog TV signal
- Provide high-speed connectivity to a user or network segment that is in an isolated area of a large complex or in another building
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues at extreme distances
- Industrial applications include controlling CNC machinery, polling bar code scanner data, administering process control equipment, and other harsh environment applications
- Monitor and control medical equipment, security keypads/card scanners, point of sale equipment and remote sensor data, and various other healthcare related network communications
- Remote sensor monitoring for traffic flow management (air traffic control, expressway flow)

Features

- Plug and Play design for simple installation; no configuration or software required
- Uses existing coaxial cable, RG-59, RG-6, RG-7, or RG-11
- Supports point to point, and point to multi-point topologies
- Supports up to 32 nodes
- Transparent TCP/IP Operations
- Auto-MDIX and Full or Half-Duplex on the Ethernet port
- Compliant with HCNA (ITU G.9954 – HPNA 3.1)
- Status LEDs for simple monitoring of the device and connection status

Hardware	Warranty	2 Years	
	Industry Standards	HCNA (ITU G.9954 – HPNA 3.1) IEEE 802.3ab 1000BASE-T	
Performance	Max Transfer Distance	2.4 km (1.5 mi)	
	Maximum Data Transfer Rate	Up to 112Mbps @ 2,952 ft (900 m) Up to 64Mbps @ 1.5 mi (2.4 km) Speed/distance will vary depending on type/quality of line used (see manual for detailed chart)	
	MTBF	57,000 Hours	
	Power Budget	8 +/- dBm, 12-28 MHz	
Connector(s)	Local Unit Connectors	2 - Type F (RF Coax)	
	Remote Unit Connectors	1 - RJ-45	
Special Notes / Requirements	System and Cable Requirements	75Ω (ohm) coaxial RG-59, RG-6, RG-7, or RG-11 cable is required	
Indicators	LED Indicators	1 - Coax Link/Activity 1 - Coax Sync 1 - LAN Link/Activity 1 - Power	
	Power	Center Tip Polarity	Positive
		Input Current	260 mA
		Input Voltage	110V-240V AC
Output Current		1.6 A	
Output Voltage		12 DC	
Plug Type		M	
Power Consumption (In Watts)		4	
Power Source		AC Adapter Included	
Environmental	Humidity	10~90% RH	
	Operating Temperature	0°C to 50°C (32°F to 122°F)	
	Storage Temperature	-10°C to 70°C (14°F to 158°F)	
Physical Characteristics	Color	Black	
	Product Height	3.5 in [90 mm]	
	Product Length	5.5 in [140 mm]	

	Product Weight	0.7 lb [0.3 kg]
	Product Width	3.5 in [90 mm]
Packaging Information	Shipping (Package) Weight	1.6 lb [0.7 kg]
What's in the Box	Included in Package	1 - Coax to Ethernet Media Receiver 1 - Universal Power Adapter (NA/EU/UK/AU) 1 - User Manual

Product appearance and specifications are subject to change without notice.