



## Description

The **VR148COAX** allows IP Ethernet transmission of network data to communicate over an existing coaxial cable for distances up to 2,500 feet (750 meters). In addition the transmitter converts 24VAC to PoE for installation of an IP camera.

The **VR148COAX** consists of a transmitter and receiver set which requires very little installation time and absolutely no set up or configuration. Installation requires simply connecting the BNC connectors at each end of the existing coaxial cable to the transmitter and receiver of the **VR148COAX**. Once powered up the transmitter will produce PoE for its connected device. The receiver instantly connects to the transmitter and begins operating as a full-duplex 100BaseT Ethernet conduit. The **VR148COAX** is completely transparent to the network; it has no IP or MAC addresses and does not require any additional setup or programming. Connect your network devices by plugging their RJ45 connectors into the network port of the transmitter and receiver. LEDs on the devices indicate the presence of power, transmission link and network signals for easy troubleshooting.

The **VR148COAX** extends network communications to overcome cable distance limitations offering connections to devices in locations traditional networking does not allow. The **VR148COAX** will auto-negotiate bandwidth to compensate for wire attenuation and losses that occur from wire length, signal noise and interference. (Please refer to cable distance and bandwidth charts for further review).

The units are constructed of industrial grade RoHs compliant plated steel which is and finished with a heat resistant powder coat paint making them very durable. They are designed to

## Features

- Transmits high speed Ethernet over legacy coaxial cable
- Transmits up to distances up to 2500 feet (750 meters)
- Transmitter converts 24VAC to PoE for network devices
- Supports Mega-Pixel cameras
- Supports multi-camera installations
- Fully transparent to the network
- Support any network device, including IP cameras
- Dual stage surge protection.
- Easy to install, No set up required.
- No MAC or IP Addressing required.
- LED indicators for network signals, link status and power
- Rack-mount kit available head-end



# TECHNICAL SPECIFICATION

## Network Transmission Device

Network Connection	RJ45 Connector
Coax Connection	BNC Connector
Power	24 Volt AC Class II power supply
Network Rate	10/100 Ethernet
Shipping Weight	3 lbs

