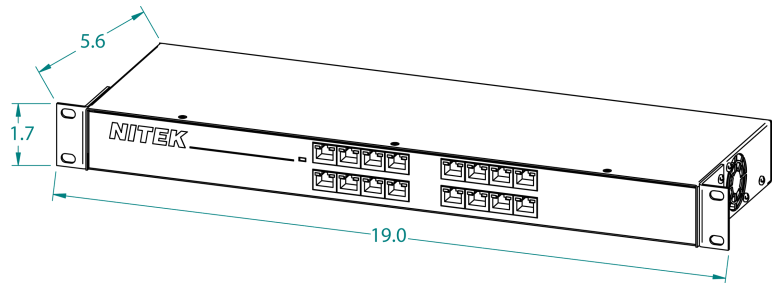# ER16200C

16-Channel IP Over Coax rack-mounted receiver. Requires: ET1243C Transmitter.

The ER16200C is a 16-channel headend receiver, designed for Ethernet link extension over existing coaxial cabling. The ER16200C can extend 100Mbps Ethernet to remote transmitters up to 350m of RG-59 or RG-6 coaxial cabling. The ER16200C is designed to work with commercially available PoE Ethernet Switches to pass PoE Power through to the devices. Unlike the ER16500C, the ER16200C contains only a small 15V power supply, no internal web server, and no internal switch or aggregating LAN port.

Each EtherStretch Lyte channel is designed to allow the Ethernet PoE Switch to negotiate with the remote PoE device through the ER16200C receiver channel, ET1243C transmitter and coaxial cabling. Once the PoE comes up, the ER16200C channel and far-end transmitter also power up and begin link operations. The 15VDC supply is available for channels to operate without PoE power, but remote devices on those channels will have to be powered at the far end.

PRODUCT FEATURES

- Transmits IP data & PoE up to distances of 350 meters (1150 feet)
- Can be used in combination with existing PoE network switch
- Includes 15V power supply for non-PoE links
- Fully transparent to the network, no MAC or IP addressing required
- LED indicators for power, link status and PoE output

- Supports IEEE802.3at (25.5W) and IEEE802.3af (15.4W)
- Surge protected inputs
- Easy to set up and install
- Limited Lifetime Warranty
- Designed, tested, manufactured and supported in the U.S.A.

TECHNICAL SPECIFICATIONS

Max Operating Distance
Network Ports: 100m
Link Ports (over Coax):350m

Power
Requirements: 110-240VAC/50-60HZ 3A Max
Output: 15V Power Supply approx 3W per channel

LED Connectivity Indicators
Link Activity
PoE Power in
Power to Transmitter Status

System Latency
System Latency: <1mS over 350m RG-59

Mechanical Dimensions (W x H x L)
483mm x 152mm x 43mm / 19" x 6.0" x 1.7"
Rack mounting: 1RU x 6.0" D (including tabs and BNCs)

Shipping Dimensions (W x H x L)
Package: 254mm x 152mm x 508mm /10" x 6" x 20"
Weight: 3.17kg / 7lbs

Environmental/Temperature
Operating: 0°C to 50°C / 32°F to 122°F
Storage: -40°C to 75°C / -40°F to 167°F
Humidity: Up to 90% non-condensing

Connectors
Network Ports: (16) RJ45 Connector
Link Ports: (16) BNC Coax Jack

Rating / Listing
UL: IEC/UL 60950-1

RoHS COMPLIANT 2002/95/EC

MADE IN USA