

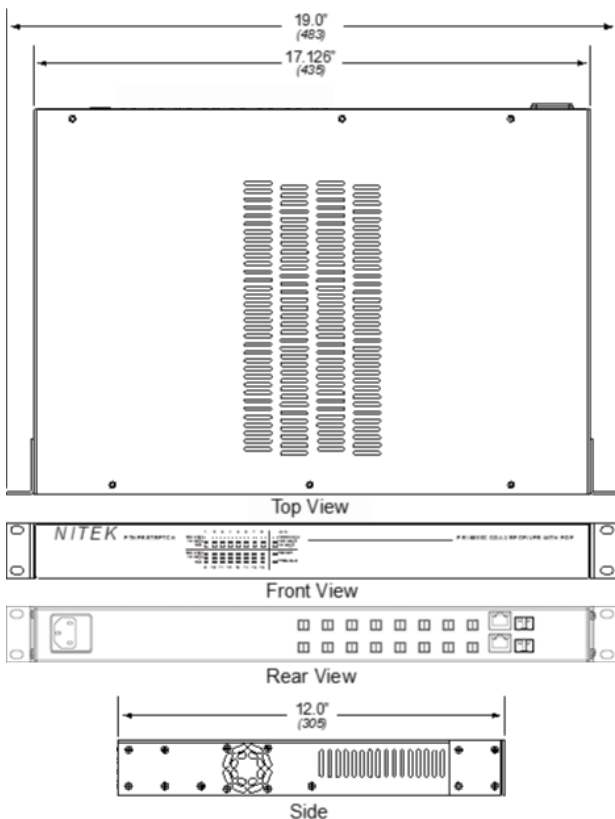
Description

The ER1651U is another component of NITEK's cutting edge Etherstretch line. Our Etherstretch solution allows for the utilization of existing Twisted Pair cable infrastructure to transmit data from IP cameras and other network devices. The ER1651U works with the new ET1551U transmitter, extending the Ethernet range up to 300 meters (1,000 feet) over a single pair of wires.

The ER1651U is a multi-port, Ethernet extender for IP video cameras and network devices. This Layer 2 Switch with a Gigabit LAN connection, operates in conjunction with up to 16 ET1551U transmitter units (sold separately). Using the ER1651U over any ordinary Twisted Pair cable for a distance of 300 meter (1,000 feet) requires no additional equipment other than the new ET1551U transmitter.

The ER1651U receiver and ET1551U transmitters require very little installation time & no set up or configuration. The system is completely transparent to the network with no IP or MAC addressing required. Simply connect a network device to the transmitter. LED connectivity indicators on the transmitter and receiver show the status of network communication and PoE power.

The ER1651U Etherstretch network extender overcomes cable distance limitations inherent in traditional networking topologies and provides an alternative to fiber or wireless transmission solutions.



Features

- Transmits IP data up to distances of 300meters (1,000 ft)
- Includes a built-in power source for all connected devices
- Gigabit output network connectivity
- Fully transparent to the network
- Supports any 10/100 mega-pixel network device, including IP cameras, over Twisted Pair cables
- LED indicators for network signals, link status and power
- Built-in short circuit, over current and over voltage protection
- Ground loop isolation
- Made in the U.S.A.



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TECHNICAL SPECIFICATION

Receiver Unit

Network Output Port	1 RJ45 Connectors, 1 Gigabit
Link Port	16 Twisted Pair Wires
Ethernet	Auto Configuring 10/100 Full Duplex
LED Connectivity Indicators	Link Status, Power, PoE Out, 10Mb or 1000Mb
Power Requirements	IEC380 connector - 115-240VAC/50-60Hz/150Watt Max
Power Output	52Vdc @ 125 watts Max.
UTP Cable Specifications	
DC Loop Resistance	51 Ohms/1000 feet (max) (51 Ohms/304 meters)
Normal Capacitance	17pF/ft.
Impedance	100 Ohms +/- 20%
UTP Category	2 or better
Operating Temperatures	-15° to 75° C / 0° to 167° F
Humidity	Up to 95% non-condensing
Mounting Dimensions	Standard rack mounting 1 RU x 9.0"D
Shipping Dimensions	18"W x 24"H x 8.5"D (457mm x 610mm x 216mm)
Shipping Weight	11 lbs (5.0 kg)

Common Installation Type

