NITEK®

ER8500C & ER16500C Product Announcement

EtherStretch™

## IP cameras over existing coax infrastructure
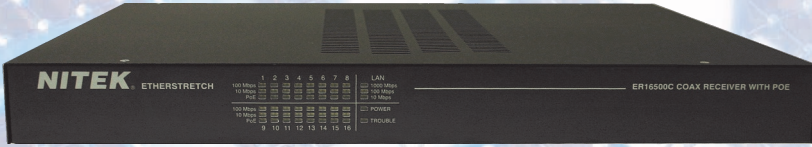
ER8500C—Eight Port Etherstretch and Gigabit PoE Switch
ER16500C—Sixteen Port Etherstretch and Gigabit PoE Switch

Features

- *Rack mounted multi-channel Etherstretch™ solution*
- *Includes a built-in power source for all connected devices*
- *Available in 8 or 16 channel configurations*
- *Each Channel is capable of 10/100 connectivity to field device*
- *Gigabit output to network*
- *Remotely power and transmit IP devices over coaxial cable up to 500 meters*
- *Short circuit, over current and over voltage protection*
- *Supports IEEE802.3af (15.4w) and IEEE802.3at (25.5w)*
- *Variable power input 100—240V*
- *Built in Ethernet and PoE surge protection*
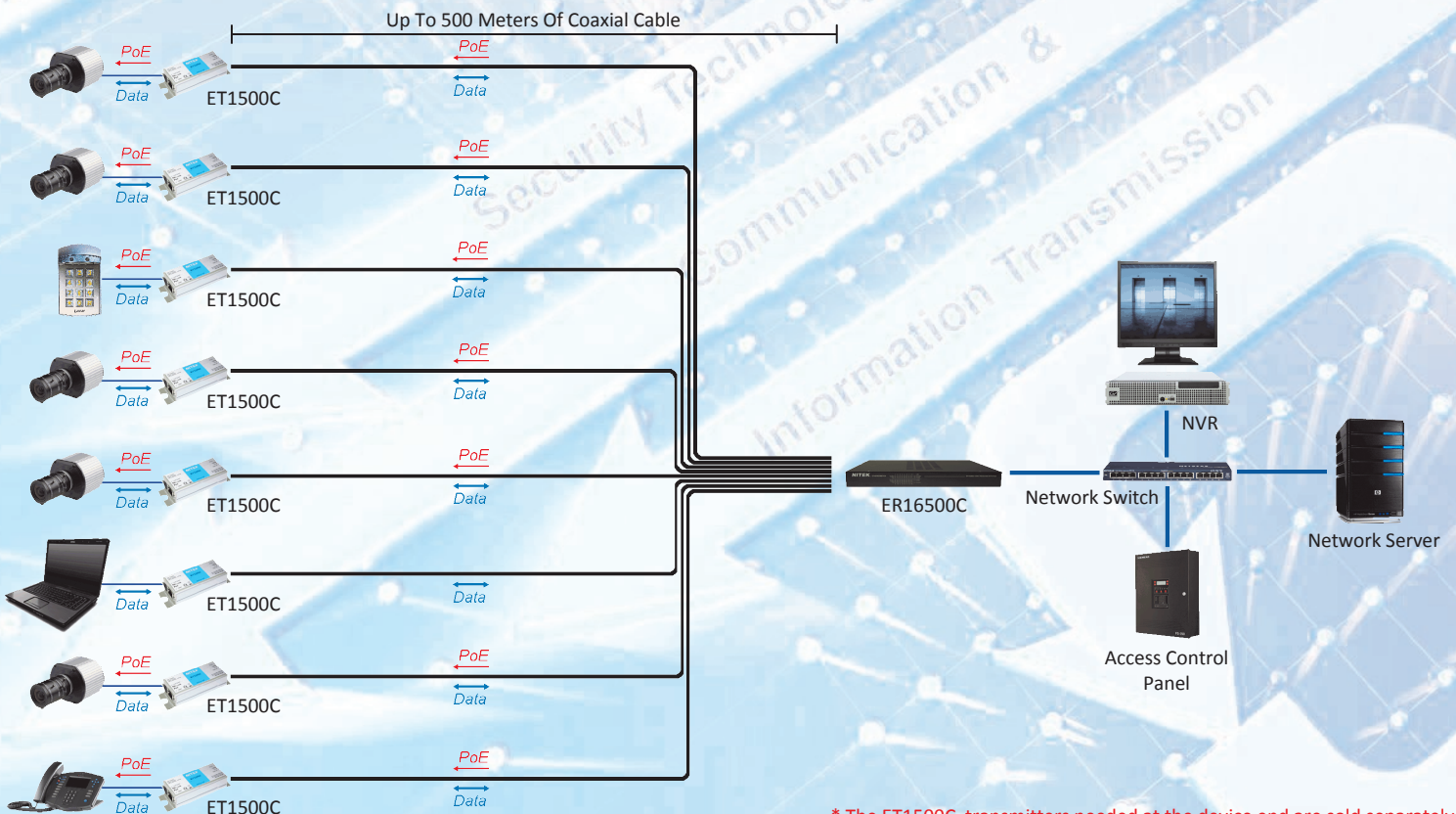
The ER8500C and ER16500C are the newest additions to NITEK's existing Etherstretch™ product offering. The units are multi-channel, single-rack height transmission solutions which allow you to extend Ethernet and PoE over coaxial cable well beyond traditional networking standards.

Most analog camera systems were deployed utilizing RG59 coaxial cable at distance up to 1000 feet from the head-end. The Etherstretch solution allows for the utilization of existing coaxial infrastructure to not only transmit IP cameras and other networking devices but it also powers them over this cable as well. The networking standards limit the maximum cable distance between devices to 100 meters. The Etherstretch solution extends these distances up to 500 meters.

This unique product allows a true migration path from analog camera technology to IP camera solutions. Incorporating a Gigabit PoE+ network switch along with NITEK's ability to utilize an existing coaxial infrastructure makes upgrading an existing site cost effective by reducing labor and materials associated with cable abatement and additional support network hardware needed to complete the system.

Installation Ideas

Up To 500 Meters Of Coaxial Cable

* The ET1500C transmitters needed at the device end are sold separately