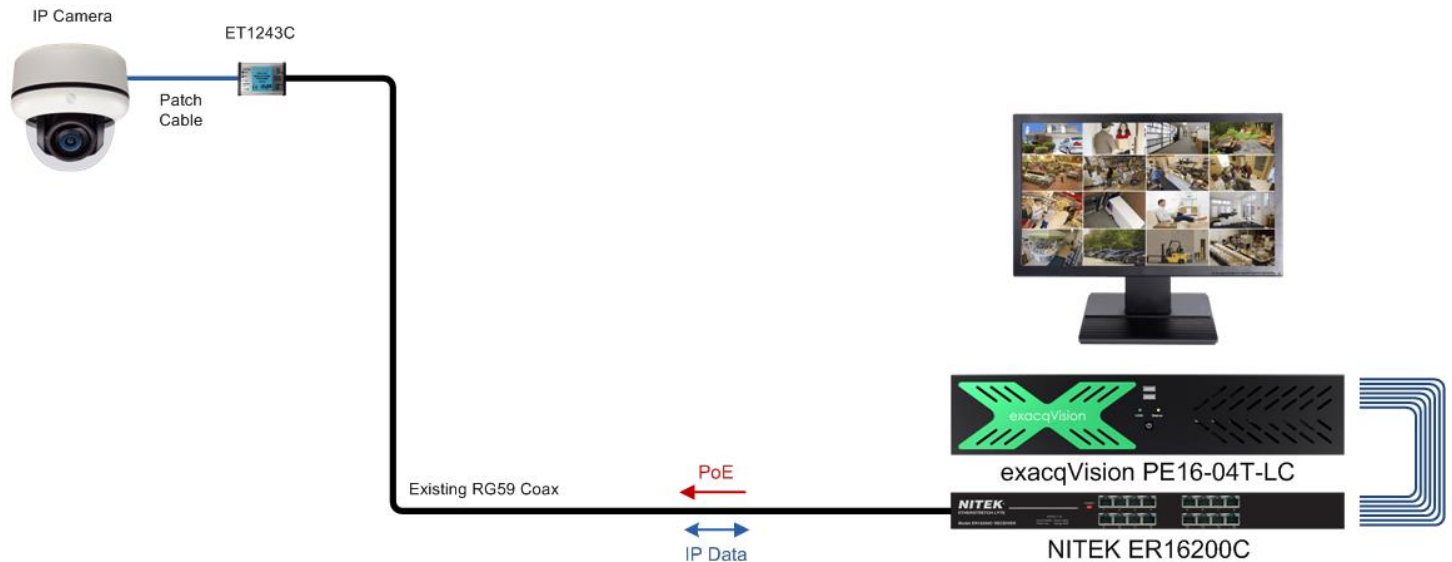Chad Szekeres with Nitek International LLC.

As manufacturers of network video recorders continue to develop their product offering, Nitek has seen an increase in new hardware designs which combines an NVR with an integrated PoE+ network switch. These solutions enhance the installation of a video management system while reducing the amount of time and devices necessary for deploying, configuring and programing the system. Most of these solutions provide a streamlined plug-n-play configuration using imbedded VMS software.

Nitek's Etherstretch Lyte allows the migration and upgrade of analog CCTV cameras to IP video technologies by converting the coaxial cable typically found in traditional analog installations into an Ethernet & PoE path. Etherstretch Lyte is a rack mounted or tabletop solution (*ER16200C Shown in Diagram Below*) that connects directly to an All-In-One NVR with PoE+ switch. Using the existing coaxial cable Etherstretch Lyte consist of a receiver and an associated transmitter (*ET1243C Shown in the Diagram Below)* which is located near the IP camera or any IP addressable edge device to provide flexibility to extend distances well beyond standard network limitations.

Below is a typical installation using Nitek's Etherstretch Lyte to connect an IP system using legacy coaxial cable up to 300 meters with PoE to power the camera.

Ordering Details

Transmitter Option
ET1243C   Single Port Etherstretch Lyte Transmitter (Installed at Remote Edge Device)

Receiver Options
ER8200C   8 Port Etherstretch Lyte Rack Mounted Receiver (Installed at Head End)
ER16200C   16 Port Etherstretch Lyte Rack Mounted Receiver (Installed at Head End)
ER24200C   24 Port Etherstretch Lyte Rack Mounted Receiver (Installed at Head End)