

Gigabit and PoE Switches for Mall Security and Surveillance

Industry: Security

Product: Industrial Gigabit and PoE Ethernet Switches

• The Challenge

The amount of time and effort needed to properly secure a shopping mall is often underestimated by everyone except the security systems company. Our customer, a security systems integrator had a large project with a tough budget. They knew it wasn't just about protecting the physical merchandise for the mall tenants – it was about protecting the people that were shopping or working at each store. Their challenge: reliably monitoring all areas of risk; mall and store entrances, hallways, bathroom locations, kiosks, parking lots and more within budget.

• The Solution

Ethernet Switches with Gigabit (EIR405-T) and PoE (EIRP610-2SFP-T) capabilities are perfect for the mall security application. By strategically placing Ethernet switches throughout the shopping center, coverage of the entire mall is possible. Devices such as RFID readers, cameras, wireless Access Points, VoIP phones can all be networked and brought back to one or multiple security locations. A combination of bandwidth, temperature ratings and power right on the Ethernet cables will eliminate office grade equipment from working in these applications. B&B Electronics has designed a full range of reliable Ethernet switches that are ideally suited for security applications.

• Why B&B Electronics?

B&B Electronics offers a broad selection of products and the support to go with it. The reliable, rugged features built into each switch reduce the risks and costs of downtime. For security companies, downtime can cause service interruption cost penalties and increase maintenance expense. Choose B&B Electronics to make installation and maintenance easy and affordable.

• The Product

Elinx™ Model EIR405-T – Industrial 5 port Gigabit Ethernet Switch

- High bandwidth: all 5 ports support Gigabit speeds
- Wide temperature: -40 to 75°C

Elinx™ Model EIRP610-2SFP-T – Industrial 10 port Managed Ethernet Switch with 8 PoE ports

- 8 PoE ports used to power cameras, Access Points, and other PoE devices
- Wide temperature: -40 to 75°C



ELINX™
Industrial PoE Switch
Model EIR405-T