

Second Sight Systems

Industry: Facility Management

Product: EIR205 Ethernet Switch and EIR Ethernet Extender

• The Challenge

Second Sight Systems is an engineering services company in Missouri that specializes in engineering design, installation, and maintenance of SCADA applications and remote site monitoring systems. They were tasked with designing a system to monitor electric usage meters for a government building that covered more than 50,000 square feet.

• The Solution

Government contractors must adhere to exacting specifications. To meet the required standards Second Sight Systems specified B&B Electronics' unmanaged Ethernet switches and EIR-EXTEND Ethernet extenders. The Ethernet switches enabled switching between the usage meters and the host system and the EIR Extends carried the data across the enormous facility. The final piece of the puzzle was a wireless Ethernet bridge, which enabled remote monitoring of the system.

• Why B&B Electronics?

The rugged EIR205 switches and EIR-Extend Ethernet extenders have a plug-and-play design, making them easy to install and extremely reliable. Along with their wireless bridge, these products allowed them to set up an efficient energy monitoring system that meets all government standards. Great pricing, in-stock products, fast delivery and free technical support all made B&B Electronics their supplier of choice.

• The Product

Model EIR205 – Unmanaged Ethernet Switch

- Compact 5 port design
- LED's for power and activity
- 10 to 48 VDC power input with removable terminal blocks
- Auto-negotiation of speed, duplex and auto-cross
- 0 to 60°C temperature range
- IEEE 802.3/802.3u/802.3x support
- Industrial IP30 rated DIN rail mount case

Model EIR-EXTEND – Elinx Ethernet Extender

- Complies with IEEE 802.3 10BaseT and IEEE 802.3u 100BaseTX standards
- RJ-11 or terminal blocks
- Redundant power input from 12-30VDC
- DIN rail mount
- Auto negotiation of speed and duplex mode on TX port



Model EIR-205



Model EIR-EXTEND

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Up to 1900m (6200 ft.) over copper pair wire

