

Rugged, Industrial Grade Ethernet Infrastructure for Wind Farms

Industry: Alternative Energy

Product: Compact, Unmanaged Industrial Ethernet Switches

• The Challenge

A typical wind farm covers a very wide area, and the turbines need network connections for monitoring and control. Additionally, the installations must overcome hazards like electrical interference, extreme temperatures, dust, moisture, and vibration.

• The Solution

B&B Electronics' rugged, reliable, unmanaged Ethernet switches convert copper Ethernet to fiber optics in even the toughest of environments. Fiber optics are immune to electromagnetic interference and they can carry data tremendous distance. The combination of the two proved to be exactly what the wind farm needed.

• Why B&B Electronics?

B&B Electronics' unmanaged Ethernet Switches and Media Converters can be ordered with an almost infinite variety of port configurations. There are many in-stock port combinations or configure your own with only a five day lead-time.

• The Product

Elinx™ Models EIR203, EIR205 and EIR208 –

Compact, Unmanaged Industrial Ethernet Switches

- Up to 3 multi or single-mode fiber ports
- ST or SC fiber connectors
- 10/100M, full/half duplex, MDI/MDI-A (auto-negotiate)
- Supports IEEE 802.3, 802.3u, 802.3x standards
- Back-pressure and IEEE 802.3x compliant flow control
- 10 to 50 VDC power input
- Store and forward mechanism
- Broadcast storm filtering
- Supports 2K MAC addresses
- 48 K byte memory buffer
- CE, FCC, UL



Model EIR203

E-LINX™
Industrial Ethernet Switch

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