Retail

A Market-Leading Fast Food Restaurant Chain Uses ATEN Extenders to Improve the Reliability of Their POS System

Challenges
When the durability and reliability of a leading fast food restaurant chain’s POS system became a concern, they looked to ATEN for a solution. The main challenge the restaurant chain faced was a distance constraint which meant limited location options for their devices. Heat exposure from surrounding industrial equipment was also an issue, potentially reducing the lifespan of their POS system and affecting their day-to-day operations.

Solution Benefits
• **Improved Reliability** – The devices connected to the various POS systems are now in an environment that will not cause them to fail, eliminating unnecessary equipment replacement. Moving the devices to a centralized location away from the high-heat industrial equipment also allowed better access for staff to maintain the POS systems, improving the communication between the equipment at the front and back of the restaurant.
• **Future System Expansion** - Additional devices and technology can be easily incorporated since the 4-Port Cat 5e/6 USB 2.0 Extender can handle up to 4 USB enabled devices located at the front counter and can have a cable run up to 330 ft.

Products

**UEH4002A**
4-Port Cat 5e/6 USB 2.0 Extender
• Long reach USB 2.0 powered by ExtremeUSB® technology
• Extends USB 2.0 high-speed and USB 1.1 (low-speed, full speed) devices up to 330 ft. over Cat 5e/6 cable
• Operates with USB 2.0 high-speed host controllers and USB 1.1 classic hosts
• Supports all USB device types: Control, Interrupt, Bulk and Isochronous at up to 480Mbps
• True plug and play, ready to operate right out of the box; No new driver installation required
• Integrated hub provides four remote USB 2.0 ports. Number of devices can be increased using additional USB hubs
Related Products or Solutions

- **UEH4102**
  4-Port USB 2.0 Cat 5 Extender over LAN

- **UCE3250**
  4-Port USB 2.0 CAT 5 Extender (up to 50m)

- **UCE260**
  USB 2.0 Cat 5 Extender (60m)

- **UE3310**
  USB 3.1 Gen1 Extender (10m)

Connection Diagram

- Cat 5e/6 Cable (up to 330ft)
- Electronic Equipment Room
- Front Counter Register
- RJ45 Port
- Status LEDs
- USB Cable

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