

## Industrial Media Converters

**SIGNAMAX**  
CONNECTIVITY SYSTEMS



We're not just cables! Did you know that CableLAN Nuclear supplies a wide variety of switches and media converters?

The expanding use of UTP category cables, with their distance limitations, makes electrical to fiber optic media conversion an important part of your network. One of our major suppliers – Signamax – has been supplying Industrial equipment for many years (along, of course, with commercial versions). The industrial versions have enhanced operating temperature ranges that are needed in nuclear power plant.



Signamax provides a cost-effective answer for both media conversion and Ethernet switching needs for outdoor environments, transportation roadside systems, shop floors, and other harsh environments where consistent operation at temperature extremes is necessary. The Industrial Media Converters & Ethernet Switches offer flexibility, reliability, and advanced technology, such as Power over Ethernet, that allows high-capacity network support.

For instance, the Signamax 10/100/1000 to Gigabit SFP Industrial Media Converter is designed to operate flexibly at standard Ethernet, Fast Ethernet, or Gigabit Ethernet speeds in harsh industrial environments that require rugged equipment. Provides the user with a 10/100/1000Base T/TX port converting to a 1000Base SFP port. The SFP receptacle meets the SFP Multi-Source Agreement and will operate with a variety of SFP modules that can transmit over either multimode or singlemode fiber.

This industrial media converter is a compact, plug-and-play device that does not require complex user setup, but has the manual setting features necessary to adjust to unusual operating conditions. This is an affordable solution for outdoor environments, transportation roadside systems, shop floors, and other harsh environments where consistent operation at temperature extremes of -40°F to 176°F (-40°C to 80°C) is necessary and varying Ethernet speeds interface to a fiber optic Gigabit Ethernet network.

[Read more about Signamax Industrial Ethernet Products](#)

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