



Axiomatic Releases Rugged and Reliable Connectivity and Automation Solutions at iVT Expo 2026

Thank you to those who visited Axiomatic at iVT EXPO 2026!

[Automotive Ethernet to Ethernet PoE Converters](#)



AX141410

The [AX141410](#) is an IP67-rated, 1000BASE-T1 to 1000BASE-T converter. Power-over-Ethernet (PoE) is available to interface with cameras and switches. The converter provides bi-directional, physical layer conversion via PHY transceivers. The Gigabit Automotive Ethernet to Ethernet PoE Converter bridges cameras and vehicle networks in the harsh environments of industrial and off-highway equipment.

It features 3 rugged M12 connectors. Users can set the bitrate via RS-232 to support 100 Mbit/s or 1000 Mbit/s. The media converter can also be configured to act as Master or Slave for Automotive Ethernet.

[Positive Temperature Coefficient \(PTC\) Scanners](#)



AX180410

The [AX180410](#) is a compact, rugged PTC scanner that can read 2 Pt1000 RTD sensors and 2 PTC (Positive Temperature Coefficient) thermistor sensors and communicate temperature data over the SAE J1939 CAN bus. The controller features Wake-on-CAN functionality to reduce power consumption and auto-baud-rate detection on the CAN network. All logical function blocks on the unit can be configured using the Axiomatic Electronic Assistant, AX070506K. The unit is designed for the harsh and rugged conditions of power gen set engine control systems and heavy-duty machines.

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