

PRESS RELEASE

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Axiomatic Technologies Corporation introduces a rugged, adaptable CAN to WiFi Converter for secure and reliable wireless connectivity to a vehicle CAN bus.

The AX141200, CAN to WiFi Converter, is used in wireless CAN bus monitoring in off-highway, mining, industrial machines and control systems. It offers remote bi-directional CAN bus accessibility over a wireless link, and acts as a wireless bridge. The module has 1 CAN port for a high data transfer rate and with a configurable baud rate. It is a rugged controller with an integrated TE Deutsch 8-pin connector and an IP67 protection rating. The converter is powered from a 12V or 24Vdc battery. There is a status LED indicator.



CAN frames are converted into UDP or TCP IP datagrams, and vice versa, sending them over a wireless network using a Wi-Fi protocol. The AX141200 Wi-Fi connection is provided by an internal antenna. The Wi-Fi port can work in a station or access point mode in 2.4GHz or 5GHz frequency range.

Controls designed by Axiomatic feature compliance for harsh machine environments with surges, load dump, power transients as well as exposure to dust, water, high humidity, and vibrations.

Axiomatic engineers and manufactures a wide range of rugged electronics for machines which interfaces to provide end users and OEM's with a solution to integrate legacy or standard systems.

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