

PRESS RELEASE

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**Axiomatic develops a new RS-232 to CAN Converter with 2 digital inputs, programmable “frame format”, and ASCII support for interfacing with RS-232 satellite phones, printers, or other devices on a vehicle CAN network.**

The RS-232 to CAN Converter, [AX030355](#), is a compact, rugged media converter designed with an IP67 rating for interfacing RS-232 devices with SAE J1939 CAN bus networks in on-road commercial vehicles or other machines. The RS-232 to CAN bidirectional converter features one RS-232 port and two fully isolated SAE J1939 CAN ports with auto-baud-rate detection.



[AX030355 — RS-232 to CAN \(SAE J1939\) Converter, 2 Digital Inputs, Programmable “Frame Format”, ASCII Support](#)

The RS-232 serial port interface is provided with a user configurable frame forwarding system to convert serial port messages into CAN frames. The "frame format" is programmable, providing the controller the ability to parse the information at the RS-232 receiver. The two fully isolated CAN interfaces feature user configurable CAN-ID filtering and frame forward systems to convert CAN frames into serial port messages. By default, the primary CAN port supports SAE J1939 messaging, uses passive baud rate discovery to detect CAN network baud rate, and is capable of converting CAN ID and CAN data into ASCII format to produce readable text, for example, to a serial terminal application on a PC.

The [AX030355](#) converter operates with a power input of 12 or 24 VDC nominal (9 to 36 VDC) and accepts two signal inputs to measure frequency/RPM, PWM, and digital signals. Measured input data can be sent to an SAE J1939 network or used to enable/disable frame forwarding. The media converter is user configurable via the Axiomatic Electronic Assistant, P/N: [AX070506K](#).

For more details, please visit the [AX030355](#) webpage.



You can browse through our catalog of [RS-232 to CAN Converters with 2 Digital Inputs](#) and other [I/O Controls & Signal Converters](#).

Axiomatic specializes in the design and production of control products tailored for diverse applications where performance and reliability are of utmost importance. Our team of engineers are based in both Canada and Finland, while our manufacturing operations are located in Canada. Sales offices are in Australia, Canada, Finland and USA.

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