

PRESS RELEASE

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Axiomatic Releases a High-Performance Automotive Ethernet Switch, Suited for Off-Highway and Industrial Applications

The [AX141570](#) Gigabit Automotive Ethernet Switch is designed for off-highway and industrial applications requiring high performance 100/1000BASE-T1 Automotive Ethernet connectivity. [AX141570](#) features LED indicators on the front panel of the housing that display Power, Link, Activity, and Speed status.



[AX141570 — 6 Port Gigabit Automotive Ethernet Switch](#)

[AX141570](#) features 6 Automotive Ethernet ports with an embedded web server on Port #1 that allows users to configure the switch ports, monitor the device performance, download and upload configuration parameters, and update application firmware. An auxiliary RS-232 port can be used as a local alternative to the remote web server interface for switch configuration. The internal logic of [AX141570](#) is not configurable, resulting in unmanaged switch functionality.

The [AX141570](#) Switch needs a supply voltage of 12 or 24 VDC nominal (9 to 36 VDC) to operate and features a separate Power Enable signal that is used to power the device in applications where the switch is constantly connected to the battery. The Automotive Ethernet utilizes a single twisted pair cable to save on wiring costs within the machine. The [AX141570](#) unit is enclosed in a rugged, anodized, housing that features an IP67 protection rating, resistant against dust and water exposure.

For more details, please visit the [AX141570](#) webpage on Axiomatic Technologies' website.

Axiomatic Technologies offer the [AX141570K](#) kit which includes the following:

- 1x 6 Port Gigabit Automotive Ethernet Switch, [AX141570](#).
- 6x Cables 2m (6.5 ft.), 4-Pin M12 D-Coded Connector, Unterminated Leads, [AX070168](#).
- 1x Cable 5m (16.4 ft.), 5-Pin M12 A-Coded Connector, Unterminated Leads, [AX070169](#).



The [AX141570](#), 6 Port Gigabit Automotive Ethernet Switch is the newest addition to Axiomatic Technologies' Automotive Ethernet Switch line-up.

- [AX141510](#), 3x Gigabit Automotive Ethernet / 1x Gigabit Ethernet Switch
- [AX141590](#), 4x Gigabit Automotive Ethernet / 1x 10 Gigabit Ethernet Switch

Axiomatic Technologies designed a line-up of [Ethernet Switches](#) in addition to the mentioned line-up of [Automotive Ethernet Switches](#).

You can browse through our catalog of [Automotive Ethernet Switches](#) and other [Connectivity Solutions](#).

Axiomatic specializes in the design, development, and production of control solutions tailored for diverse applications where performance and reliability are of utmost importance. Our team of design engineers designs products and components in both Canada and Finland, while our manufacturing operations are located in Canada. A US location is underway.

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