

PRESS RELEASE

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Axiomatic Releases a High-Performance Gigabit Ethernet Switch, Designed for Mining and Off-Highway Equipment Applications

The 6 Port Gigabit Ethernet Switch is designed for mining and off-highway equipment applications, such as autonomous vehicles, requiring 10/100/1000BASE-T Ethernet connectivity. The internal state of the switch is displayed by LEDs on the front panel of the housing.



[AX140705 — 6 Port Gigabit Ethernet Switch](#)

The device features 6 Ethernet ports, with each port capable of transmitting data at 10, 100, or 1000 Mbit/s. The switch internal logic is not configurable, resulting in unmanaged switch functionality. An RS-232 port can be used to configure switch ports, monitor the device performance, download and upload configuration parameters, and update application firmware.

The Gigabit Ethernet Switch requires a supply voltage of 12 or 24 VDC nominal (9 to 36 VDC) for operation and features a separate Power Enable digital signal. The Power Enable signal is used to power-up the device in applications where the switch is constantly connected to the battery. The unit is enclosed in a rugged, anodized, IP67-rated housing, resistant against water and dust exposure.

For more details, please visit the [AX140705](#) webpage.

The [AX140705](#) switch is the newest addition to the Axiomatic [Ethernet Switches](#) line-up.

- 6 Port Ethernet Switch, [AX140700C](#)
- 4 Port Gigabit Ethernet Switch, [AX140720](#)
- 4x Gigabit, 1x 10 Gigabit Ethernet Switch, [AX140740](#)

Additionally, an Axiomatic line-up of [Ethernet Switches with PoE](#) is available.



You can browse through our catalog of [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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