

TOSHIBA

ASD-G9ETH Multiprotocol Ethernet Interface

AS1/G9-Series AC Drive Ethernet Communications

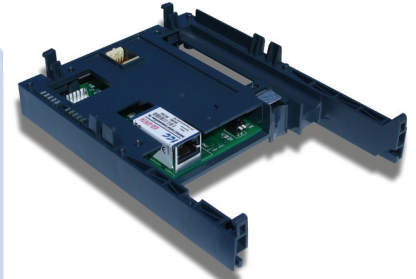
The ASD-G9ETH is a user-configurable multiprotocol Ethernet communications interface card for the Toshiba VF-AS1 and G9-series family of adjustable speed drives. The ASD-G9ETH plugs directly onto the drive's control board, and provides connectivity to the most popular Ethernet-based automation networks. Once installed, the ASD-G9ETH provides Ethernet/internet access to all internal drive configuration, command and monitoring parameters. All interface card configuration is performed using a standard web browser, and all supported protocols can be active simultaneously.

Supported protocols currently include:

- BACnet/IP
- Modbus TCP
- Profinet IO
- EtherNet/IP (for connectivity to Allen-Bradley -Logix and equivalent platforms)
- Allen Bradley CSP (for connectivity to Allen-Bradley PLC-5/E and SLC-5/05 -class PLCs)

The ASD-G9ETH presents a standard 10/100BaseT Ethernet network connection, and incorporates a variety of leading-edge automation and IT technologies, such as:

- Autonomous alarm evaluation with email notification
- Real-time web browser-based data interaction via an Adobe® Flash Player plug-in
- XML-based configuration file access
- A configurable network timeout action can be programmed that allows parameters to have their own unique "fail-safe" conditions in the event of a network interruption
- Configuration file transfer and firmware upgrade capability via FTP
- A dashboard GUI with multiple gauge windows, each of which can be configured to display drive data in a variety of meter, graph and gauge formats
- EtherNet/IP access to inverter data via explicit messaging, user-defined I/O assembly instances, and the ODVA AC/DC drive profile
- Profinet access to inverter data via acyclic services, user-defined cyclic I/O modules, and the PROFIdrive profile



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For more information about these and other AC drive communication options, contact your local Toshiba distributor, or visit us online at:

- Toshiba Corporation, Industrial Products Division (<http://www.toshiba.com/ind>)
- Industrial Control Communications, Inc. (<http://www.iccdesigns.com>)

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