

Model Name	GA-MLi8TPoE+	Product Specification	401-260893H-ID-SP05
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1. Summary

GA-MLi8TPoE+ is an Ethernet Switch with management function having 10ports of 10/100/1000BASE-T and SFP extension slot, one of which is selectable.
Ports 1 to 8 support IEEE802.3at/af PoE power supply function.

2. Feature

- (1) Ports 1 to 8 are 10/100/1000BASE-T ports corresponding to auto negotiation.
Also their speed and communication mode can be switched by configuration.
Ports 9 and 10 can be used as a 10/100/1000BASE-T port corresponding to auto negotiation or an SFP extension slot exclusively.
- (2) Ports 1 to 8 can supply power conforming with IEEE802.3at and 802.3af. Supplying power up to 30 W per port, and up to 124 W in total is possible.
- (3) Equipped with PoE auto reboot function, and monitoring, and the switching of the power supply OFF/ON to ports is possible via Ping, LLDP, and the 3 traffic volume methods.
- (4) Equipped with silent fan control functions, which can be set to match the operating environment temperature and power supply, and be used with any of the fan rpm, "High" and "Low" .
- (5) All twisted pair ports support straight/cross cable auto sensing function.
Simply connect devices with straight cables, whether it is a terminal or a network device.
(This function does not work if the port communication configuration is set at Fixed or Link Aggregation.
Ports 1 to 8 are set at MDI-X. (default))
- (6) Telnet/SSH allows remote configuration changes and verifications of the Ethernet Switch.
Remotely configure the PoE settings for each port (Ports 1 to 8).
- (7) The connection status for each port is detected by the power saving mode, and it can reduce the power consumption to required levels when not linked up. (Factory default: disabled)
- (8) Rapid Spanning Tree Protocol is supported, allowing to build a system with redundancy.
- (9) The IEEE802.1p compatible QoS function is supported.
- (10) Supports triple authentication that can simultaneously wait on IEEE802.1X authentication, MAC authentication, and WEB authentication via one port, and an authentication network which is matched to the kinds of connection terminals can be constructed.
- (11) Equipped with step authentication functions, and can prevent illegal access of the terminals.
- (12) Since it is equipped with authentication supplicant functions, a more robust security configuration can be configured in combination with the upper switch's IEEE802.1X authentication function.
- (13) Due to the loop detection/shutoff function, a port where loop has occurred can be automatically shut off to prevent loop failures.
When a port is shut off and recovered automatically, SNMP trap can be sent to notify the incident to the administrator.
Moreover, the port with a loop can be identified by loop notification on the LEDs on the main unit and referring the history of loop on the setting screen.
- (14) The PoE scheduler function enables scheduling of PoE power supply control.
- (15) Supports ZEUQUO assist Plus. Processes from introduction to maintenance can be performed easily.

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