Eaton Gigabit Industrial Gateway Card

Eaton Gigabit Industrial Gateway Card improves power system reliability by warning IT administrators of pending issues.

Enhanced capabilities, unmatched security

Designed for critical infrastructure, Eaton's Gigabit Industrial Gateway Card (INDGW-M3) is a comprehensive power management interface with market-leading cybersecurity.

The Gigabit Industrial Gateway Card is compatible with multiple Eaton power management software solutions to enable extensive automation and remote management and control. Industrial professionals gain access to actionable data, allowing them to maximize the efficiency of power operations and address power problems before they result in downtime.

A zero-trust architecture and customizable firewall help the card reliably shield mission-critical systems from cybersecurity threats in medium-sized and enterprise IT networks.

Convenient management

- Brightlayer Data Centers suite software can monitor and manage fleets of Gigabit Industrial Gateway Cards. This includes enabling automated actions during power events, such as graceful shutdown of servers and storage or reallocation of virtual machines, to protect data and preserve business continuity.

- REST API allows organizations to easily integrate the card with native systems and automate M2M interactions.

- Firmware updates for the INDGW-M3 are free of charge and do not require a support contract.

Enhanced cybersecurity

- Card meets stringent UL 2900-1 and IEC 62443-4-2 cybersecurity standards.

- Enhancements include strong encryption and configurable password policy.

- Zero-trust architecture minimizes cybersecurity vulnerabilities through hardware root of trust, enabling secure boot and complete chain of trust.

- Zero-touch provisioning automatically configures network cards faster, saving time exponentially in large-scale deployments.

- User-configurable firewall reduces an organization's attackable surface area and helps meet specific network/security compliance requirements.

- 802.1X port-based authentication helps secure critical infrastructure devices.
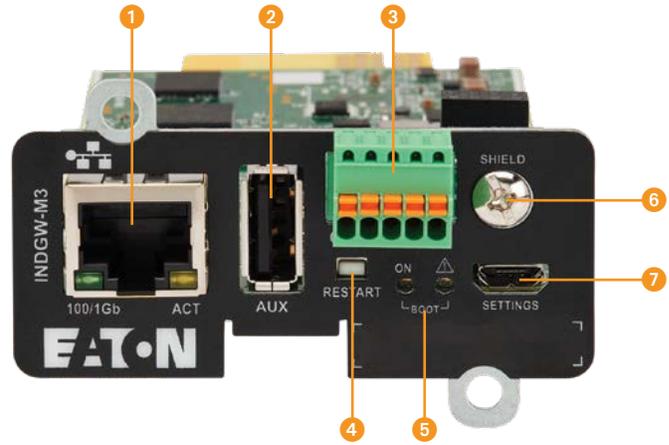
Optional environmental monitoring

- Eaton's Environmental Monitoring Probe (EMP) Gen 2 (EMPDT1H1C2, sold separately) provides temperature and humidity data along with dry-contact monitoring of two contact sensor devices per probe. Up to three probes can be daisy-chained to a single host.

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Feature focus

❶ **Gigabit network port (RJ45)**
Connect to an Ethernet network.

❷ **AUX port (USB-A)**
Connect a network module accessory.

❸ **Modbus terminal block**
Integrate an Eaton UPS into an RS-485 Modbus network.

❹ **Restart button**

❺ **LED indicators (On, Warning and Boot)**

❻ **Shield**

❼ **Settings/UPS data connector (Micro-USB)**
Access and configure network settings locally.

Specifications

Catalog number	INDGW-M3
Function	Web/SNMP communications
UPS slot type	Mini-slot
Hardware compatibility (global list)	UPS: 5P, 5PX, 5PX G2, 5SC rack-mount, 9PX, 9PXM, 9SX, 9130, FERRUPS FX, 9E, 93PS (fw 2.40->), 91PS, 91PS Monoblock, 93E 15-80 kVA EMEA (fw 8.00.01->), 93E G2 EMEA (fw 4.0.20->), 93PM, 9395XC
Network compatibility	IPv4/v6, TLSv1.2, HTTP(S), NTP, SMTP(S), BOOTP/DHCP, SSH, SysLog(S), LDAP, AD, RADIUS
Protocol support	SNMPv1/v2c/v3, TFTP, SLAAC, MQTTS, Modbus TCP, Modbus RTU, BACnet IP, BACnet BBMD
Common connectors	Ethernet 10/100/1000BaseT, USB for accessories (ex: Environmental Monitoring Probe), USB configuration port
Temperature and humidity monitoring	Yes, requires Eaton Environmental Monitoring Probe Gen 2 (EMPDT1H1C2, sold separately)
Supported software	Brightlayer Data Centers suite: Data Center Performance Management (DCPM), Distributed IT Performance Management (DITPM), Intelligent Power Manager (IPM) disaster avoidance software and Cyber Secured Monitoring (CSM) in EMEA
Supported MIB	MIB II – Standard IETF UPS MIB (RFC 1628) – Eaton xUPS MIB
Supported browsers	Chrome, Edge
Local language support	English, French, German, Italian, Japanese, Russian, Simplified Chinese, Spanish, Traditional Chinese
Operating temperature	32° to 104° F (0° to 40° C)
Operating humidity	90% RH max. without condensation
Power input	5V – 12V
Current consumption	500/1000mA max. depending on UPS
Dimensions (H x W x D)	5.2 x 2.6 x 1.7 in. (132.08 x 66.04 x 43.18 mm)
Weight	2.5 oz. (71 g)
Regulatory	Same as UPS

Due to continuous improvement programs, specifications are subject to change without notice.

To learn more, visit
Eaton.com/INDGW-M3

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Follow us on social media to get the latest product and support information.