We connect and protect

Guardian Management Gateway

Data Solutions

The nVent SCHROFF Guardian Management Gateway is an environmental monitoring platform designed to sense, track, store and alarm health and security parameters in an IT data center infrastructure.

The heart of the platform is a compact control unit of 1 U in height/depth and 250 mm in width, it can be installed as 19" unit or into any available space in a data center rack.

The Management Gateway offers three sensor management ports with each port being able to monitor up to 16 sensor devices with a total cable length of 40 meters per port, allowing a single Management Gateway unit to monitor multiple racks or complete rack aisles.

Besides monitoring physical parameters like temperature, humidity, smoke, door status or water intrusion, the Management Gateway can also monitor nVent SCHROFF RackChiller and In- Row Coolers – with an easy plug and play installation.

Set-up of the Management Gateway with security features, sensor configuration, user management, alarm and log management can easily done through a built in Web Interface.

Main access to the Management Gateway is through the 1 GBE Network interface, supporting industry standard protocols like SNMP, SMTP, HTTPS, BACnet, Modbus/TCP and HPI.

CERTIFICATIONS

RoHS COMPLIANT

FEATURES

- Data Center environmental monitoring platform
- Compact design, fits anywhere in a data center rack
- Web browser GUI for setup, monitoring and maintenance

Three management ports to connect external sensors and Modbus devices

Up to 16 sensors or devices per management port with a total cable length of up to 40 m

Auto orientation LCD touch display

Supports industry standard network protocols (HTTPS, SNMP, SMTP, BACnet, Modbus/TCP and HPI)

SPECIFICATIONS

Table 1/2

Catalog Number	Type	Rack Height	Height	Width	Depth	Input Voltage AC
11079-000	Base Unit Management Gateway	1U	45mm	250mm	45mm	
11079-001	Base Unit Management Gateway	1U	45mm	350mm	45mm	100 – 240V

Table 2/2

Catalog Number	Input Voltage DC	Ambient Temperature	Material	Finish	Relative Humidity	Certifications
11079-000	12V min	5 – 60°C	Aluminum	Powder Coated	5% to 90%, Noncondensing	RoHS, WEEE
11079-001		5 – 60°C	Aluminum	Powder Coated	5% to 90%, Noncondensing	

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2025 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.