VERTIV

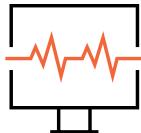# Vertiv™ Liebert® IntelliSlot™ RDU120 Communications Card

Overview

The Vertiv™ Liebert® IntelliSlot™ RDU120 card enables communication between Vertiv™ products such as Vertiv™ Environet™ Alert and Vertiv™ LIFE™ Services. It provides web access, data via SNMP, Modbus, and BACnet for Vertiv equipment. Provides environmental sensor data access via web and SNMP.

Benefits

- Peace of mind knowing data is transmitted securely.
- Secure Boot with a hardware trust anchor.
- Quick, real-time view of parametric data and system status.
- Gain insight into environmental conditions for efficient decision-making.
- Flexible communication regardless of device protocol.
- Save time configuring and updating firmware on managed devices.

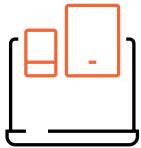

Vertiv™ Liebert® IntelliSlot™ RDU120

How It Works

The Vertiv™ Liebert® IntelliSlot™ RDU120 employs Ethernet networks to monitor and manage a wide range of operating parameters, alarms and notifications.
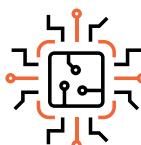
Solving Monitoring Challenges

Managing disparate data center systems can be challenging. With rresponsibilities for monitoring facility conditions at all times, keeping track of all that data may require accessing multiple systems or even performing manual, time-consuming data tracking. Being able to collect data from your systems is key to effectively managing the data center. The Vertiv Liebert IntelliSlot RDU120 provides centralized remote monitoring connectivity to building management systems (BMS) that use SNMP and notifications.

Simplifying Device Setup and Update

Not only does the Vertiv Liebert IntelliSlot RDU120 improve efficiency by providing a one-to-one view of the connected system, but it also provides a convenient way to configure and update devices via HTTP APIs. Save time on initial deployments and improve ongoing maintenance through the mass configuration capabilities of the RDU120.

Keeping Data Secure

The Vertiv Liebert IntelliSlot RDU120 is UL2900-1 and IEC 62443-4-2 cybersecurity certified. Secure SNMP is supported via SNMP v3. The secure boot implementation prevents unauthorized tampering of the installed software. Centralized access and authorization management provides an additional layer of security via remote authentication protocols – RADIUS, TACACS+ and LDAP/AD.
Port-based network access control (PNAC) (802.1X) is supported.

Features

- Provides web access to the installed devices via popular web browsers- Microsoft Edge, Mozilla Firefox, Google Chrome and Safari.

- Provides alarm notifications via email and text messaging.

- Supports environmental monitoring via Vertiv™ Geist™ Sensors for temperature, humidity, leak detection, door closures and contact closures.

- 1 Gb/s Ethernet supports modern network environments.

- Standard RESTful API supporting customer-based tools.

Vertiv™ Liebert® IntelliSlot™ RDU120

Technical Specifications

Physical Characteristics

Power Requirements	DC Input: 7 to 12 VDC	Power Consumption: 3.6 W maximum
Dimensions, W x D x H	2.97 × 5.2 × 1.45 in. (75.5 × 132 × 37 mm)	
Weight (assembled)	Net: 7 oz (0.2 kg)	Shipping: 1.3 lb (0.6 kg)
Ambient Operating Environment	32 to 104°F (0 to 40°C), 10% to 90% RH (non-condensing)	
Ambient Storage Temperature	-4 to 140°F (-20 to 60°C)	
Communication Ports	Ethernet Communication RJ-45	

Wiring

10/100/1000 Mb/s Ethernet Connector	Standard Category 5e cable	328 ft. (100 m)
RJ-45 - One-Wire Connector	Geist One-Wire Sensor Cable	65.6 ft. (20 m)

AV-49574 (R11/25)