

# Vertiv™ Liebert® Intellislot RDU101 Communications Card



## Overview

The Liebert® Intellislot RDU101 card enables communication between Vertiv™ products such as *Trellis™* Enterprise, *Trellis™* Power Insight and LIFE™ Services. It provides web access, data via SNMP and Modbus TCP for Vertiv equipment. Environmental sensor data access is provided via web and SNMP.

### Benefits:

- Quick, real-time view of parametric data and system statuses.
- Prompt alarm notification for fast event resolution.
- Know environmental conditions of your data center for informed, efficient decision making.
- Flexible communication regardless of device protocol.
- Peace of mind knowing data is transported in a secure manner.
- Save time configuring and updating firmware on managed devices.

## How It Works

The RDU101 employs Ethernet networks to monitor and manage a wide range of operating parameters, alarms and notifications.

## Solving Problems

Managing disparate systems within the data center can be challenging. With responsibilities to know the conditions of your facility 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 RDU101 provides remote centralized monitoring connectivity to building management systems (BMS) that use SNMP.

## Adding Value

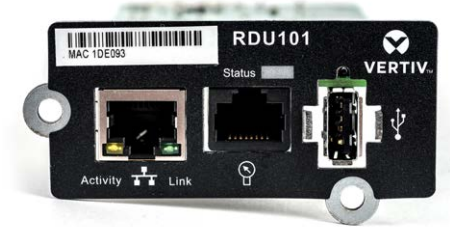
Not only does the RDU101 improve efficiency by providing a one-to-one view of the connected system, it also provides a convenient way to configure and update devices via HTTP APIs. Save time on initial deployments and improve ongoing maintenance through the mass configuration capabilities of the RDU101.

## Keep Data Secure

The RDU101 keeps data secure. Basic security is provided via HTTPS web connectivity and SNMP v3. Centralized access and authorization management provides an additional layer of security via remote authentication protocols – RADIUS, TACACS+, LDAP/AD and Kerberos.

## Features

- Provides web access to the installed devices via popular web browsers- Microsoft Internet Explorer, Mozilla Firefox, Google Chrome and Safari.
- Provides alarm notifications via email and text messaging.
- Supports environmental monitoring via Liebert SN Sensors for temperature, humidity, leak detection, doors and contact closures.
- Supports third-party protocols for building and network management applications for status and alarms via SNMP and Modbus TCP.
- Enables Vertiv software tools and services, including *Trellis™* Enterprise, *Trellis™* Power Insight and LIFE Services.
- Supports high-speed file transfer to managed devices for firmware and configuration updates.
- HTTPS messages and web access encryption with installable customer provided certificates.
- Options for SNMP v3 authentication support (none, MD5 or SHA), privacy support (none, DES or AES) and Traps.





## Technical Specifications

Power Requirements	DC Input	7 to 12 VDC
	Power Consumption	3.6 W maximum
Dimensions, W x D x H	2.97 x 5.2 x 1.45 in. (75.5 x 15 x 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	
<b>Wiring</b>		
10/100 Mb/s Ethernet Connector	Standard Category 5E Cable	328 ft. (100m)
RJ-45 - One-Wire Connector	Liebert® Integrated One-Wire Sensor Cable or 2m Cat 5E to Modular 1-Wire	65.6 ft. (20m)