

# USB 4G Modem



## Key Features

- Durable metal chassis
- CE Certified
- Easy installation
- Echoes elimination and noise cancellation
- Supports LTE FDD/LTE TDD/HSPDA/UTMS/EDGE/GPRS/GSM technology
- Supports MT/MO point to point messaging



The USB 4G Modem is an industrial-grade external modem designed to provide global network coverage for LTE connectivity. It supports LTE FDD networks and is fully backward compatible with existing UMTS and GSM/GPRS networks.

The modem is designed to withstand the outdoor environment applications such as power plant control and outdoor data gathering.

## Compatible With

The USB 4G Modem is certified to work with the following Vertiv™ products:

- Liebert® RDU-A G2
- Liebert® RDU-SIC G2
- Liebert® RDU-M
- Vertiv™ RDU501
- Vertiv™ Smart Infrsight
- Vertiv™ SmartCabinet™ (v1 and premium)

**DISCLAIMER:** This page indicates the SMS modem will be designed to work with Vertiv's RDU series product, not a brand and model define. The specific modem appearance will be the actual shipment prevail without prior notice from Vertiv. The modem will meet Vertiv standard to keep our product work compatibility and meet the features and specs stated in technical requirement.

## Technical Specifications

### Product Standard

Frequency Bands	Three-Band FDD-LTE B1/B3/B8
	Four-Band TDD-LTE B38/B39/B40/B41
	Dual-Band UMTS/HSDPA/HSPA+ B1/B8
	Dual-and TD-SCDMA B34/B39
	Single-Band CDMA 1X/EVDO BC0
	Dual-Band GSM/GPRS/EDGE 900/1800 MHz

### Data Function

LTE	Uplink up to 50 Mbps; Downlink up to 100 Mbps
TD-HSDPA/HSUPA	Uplink up to 2.2 Mbps; Downlink up to 2.8 Mbps
TD-SCDMA	Uplink up to 128 Kbps; Downlink up to 384 Kbps
HSPA+	Uplink up to 5.76 Mbps; Downlink up to 42 Mbps
UMTS	Uplink/Downlink up to 384 Kbps
CDMA 2000 EVDO	Max. 3.1 Mbps (DL), Max. 1.8 Mbps (UL)
EDGE Class	Max. 236.8 Kbps (DL),Max. 236.8 Kbps (UL)
GPRS	Max. 85.6 Kbps (DL), Max. 85.6 Kbps (UL)
CSD	GSM data rate 14.4 Kbps; WCDMA data rate 57.6 Kbps; WCDMA 64 kbps CSD for Video call

### Message Service

Point to point (MT/MO); EMS; Text and PDU mode

### Antenna

Impedance	50 Ohms
Gain (antenna + cable)	0 dBi
VSWR (antenna + cable)	-10 Db

### Interface

USB2.0; SMA antenna; DB9-F; RJ-11; SIM card slot; LED indications; I shape holding bridles

### Power Supply

USB /500 MA

### Power Supply

Operating temperature range	-30 °C to +70 °C
Storage temperature range	-40 °C to +75 °C
Overall dimensions	96 × 54 × 25 mm
Weight	105 g

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