






MODEM NETWORK CONNECTION

After the modem has been successfully provisioned and, if applicable, the SIM card has been accepted, a data connection can be enabled. The SVC LED will indicate when the cellular connection has been established.

- Steady **green** indicates a **4G** connection.
- Steady **amber** indicates a **3G/2G** connection.


Return to the Unit Status page to verify WAN Status is UP. The WAN IP Address shows the current IP address assigned to the modem and you are ready to browse the Web.

BASIC PACKAGE


Vanguard series fixed Cellular Router Includes one (1) of each item below.	
▪ This Quick Start Guide (PN 134665-V5530MC-F-1)	
▪ 6 ft. (1,8 m) 3-wire Power Cable (PN 150-7500-004)	
▪ Mounting Plate for base mounting* (PN 817-7010-500)	
▪ 22 Pin I/O Cable (PN 5C889)	

* Mounting plate includes four #6-32 x ¼ (3/16-inch tread length) clear-zinc plated stainless steel Philips undercut flat head (82° countersink) screws to fasten the plate to the bottom of the Vanguard chassis.

ACCESSORY KIT (PN 134751-V5530F)

▪ 110-220 VAC 3-wire Power Supply (PN 150-7001-005)	
▪ 4 in. (10 cm) plastic “Rubber Duck” antenna (PN 4GF546-8113)	
▪ DB-9 Male to DB-9 Female Serial Cable (PN L2CAB0002)	
▪ Category 5 100Base 7 ft. (2 m) Red Ethernet Cable (PN L2CAB0006)	

DIN RAIL MOUNT (PN 250-5800-410)

Includes DIN mount assembly (with retainer spring and screw) four #6-32 x ¼-inch length cap screws and four #6 lock washers for fastening to bottom of Vanguard Chassis to facilitate mounting to a DIN rail.	
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MINIMUM REQUIREMENTS

Interface and configuration of this cellular device requires a user PC with an Ethernet interface, Microsoft Windows 98 or newer, and a web browser.


Any changes or modifications not expressly approved by the party responsible for compliance (in the country where used) could void the user’s authority to operate the equipment.

CalAmp reserves the right to update its products, software or documentation without obligation to notify any individual or entity. Product updates may result in differences between the information provided and the product shipped. For access to the most current product documentation and application notes, visit www.calamp.com.


UL LISTED MODELS ONLY

Hazardous locations installation instructions. Users are advised to visit www.calamp.com where they can download the complete user manual and review Appendix C – UL Installation Instructions.


This equipment is suitable for use in Class I, Division 2, Groups A, B, C and D or non-hazardous locations only.



WARNING — EXPLOSION HAZARD, Do not connect while circuit is live unless area is known to be non-hazardous.



WARNING — EXPLOSION HAZARD, Substitution of components may impair suitability for Class I, Division 2.



When operating at elevated temperature extremes, the surface may exceed +70 Celsius. For user safety, the Vanguard should be installed in a restricted access location.

The Unit is to be powered with a Listed Class 2 or LPS power supply, rated 10 – 30 Vdc or equivalent.

Device is open-type and must be installed in a tool only accessible enclosure **suitable for the environment**.

All wiring routed outside the housing, except for the antenna, must be installed in grounded conduit, following acceptable wiring methods based on installation location and electrical code.

The USB and SIM connector is for temporary connection only during maintenance and setup of the device. Do not use, connect, or disconnect unless area is known to be non-hazardous. Connection or disconnection in an explosive atmosphere could result in an explosion.

Do not operate reset switch unless area is known to be non-hazardous.



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QUICK START GUIDE



This quick start guide covers programming software installation and basic setup. For advanced configuration, please refer to the user manual.

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ABOUT CALAMP

CalAmp is a leading provider of wireless communications products that enable anytime/anywhere access to critical information, data and entertainment content. With comprehensive capabilities ranging from product design and development through volume production, CalAmp delivers cost-effective high quality solutions to a broad array of customers and end markets. CalAmp is the leading supplier of Direct Broadcast Satellite (DBS) outdoor customer premise equipment to the U.S. satellite television market. The Company also provides wireless data communication solutions for the telemetry and asset tracking markets, private wireless networks, Interoperable Train Control (ITC) radio transceivers for use in railroad Positive Train Control (PTC) applications, public safety communications and critical infrastructure and process control applications. For additional information, please visit the Company’s website at www.calamp.com.

All specifications are typical and subject to change without notice.

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See instructions that follow that are specific to your carrier.