

# CalAmp Product Refresh



Vanguard 3000



Vanguard 5530

Vanguard 3000

## Vanguard: 2015 Refresh



Vanguard refresh will extend the current Vanguard for years to come and offer a new LTE version.

- Electronics refresh within the same mechanical package
- Cellular radio updates to deliver the latest in cellular technologies
- Enhanced processing and memory for improved speed and application support
- 3G Multi-Carrier Model
- New 4G LTE Model

# Vanguard 3000 Refresh - Features



Refreshed electronics and radios. Same form and fit.

## High-Performance Router

- 3G Multi-Carrier (CDMA/HSPA) in a single device
- Auto Redial for always-on connection

## Superior Configuration Functionality

- Wi-Fi 802.11 Access Point or Client Mode (Optional)
- WAN Gateway/ MAC Filtering / DMZ / Dynamic DNS
- I/O Ready: 2 digital inputs, 2 analog inputs, 2 outputs

## Advanced Security

- IPSEC, GRE Tunneling, PPTP VPN
- RADIUS authentication

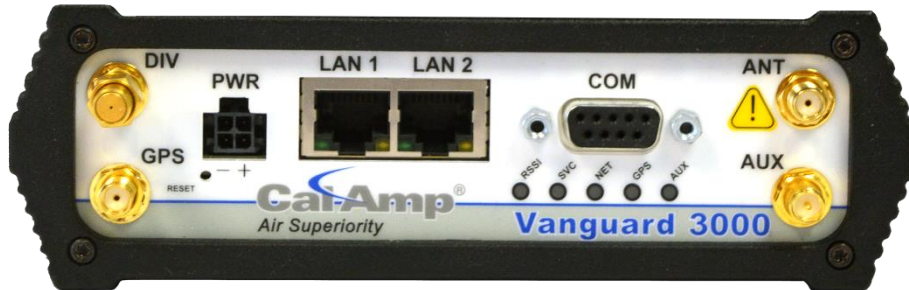
## Unmatched User Experience

- Quick setup / straightforward interface / powerful device management platform
- Open Developer Platform runs custom applications that facilitate improved data-driven responsiveness

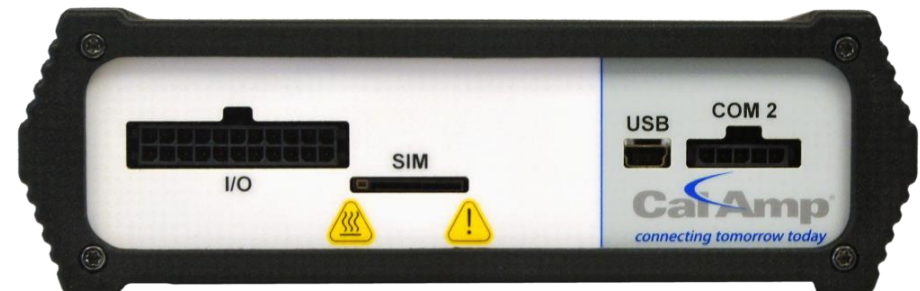
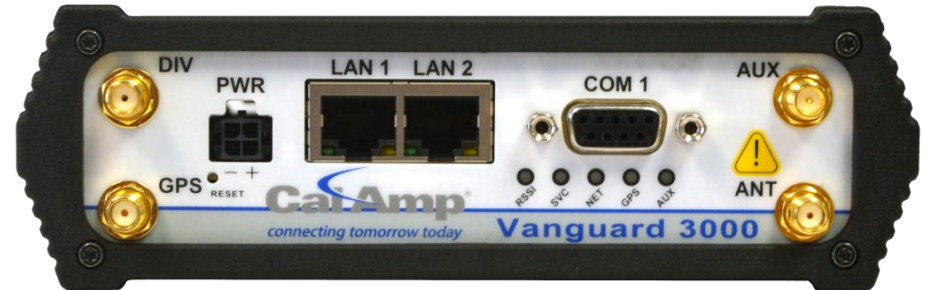
# Vanguard 3000 Refresh - Packaging

A key driver in the refresh was to continue delivering Vanguard to customers and simplify integration with exiting and new installations. The goal was to maintain form, fit and function, while enhancing the electronics.

**Current VG3000**



**Refreshed VG3000**

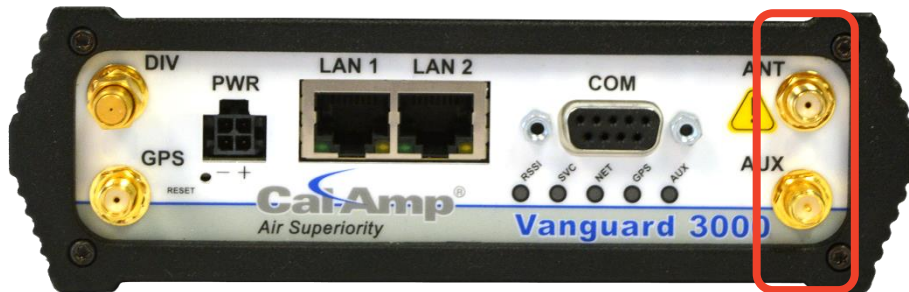


# Vanguard 3000 Refresh - Packaging

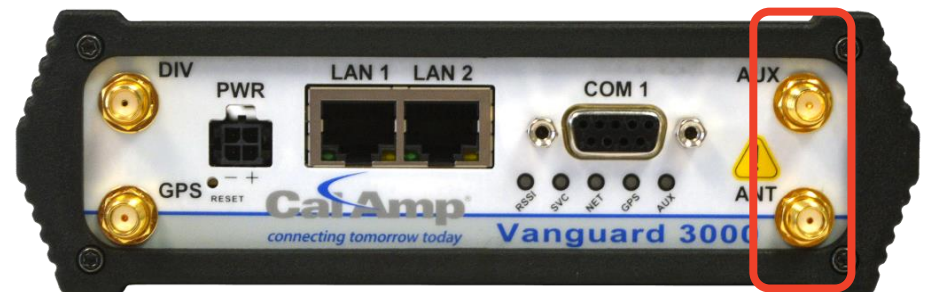
A key driver in the refresh was to continue delivering Vanguard to customers and keep exiting and new installations straightforward. The goal was to maintain form, fit and function, while enhancing the electronics.

## Antenna Connector swapped

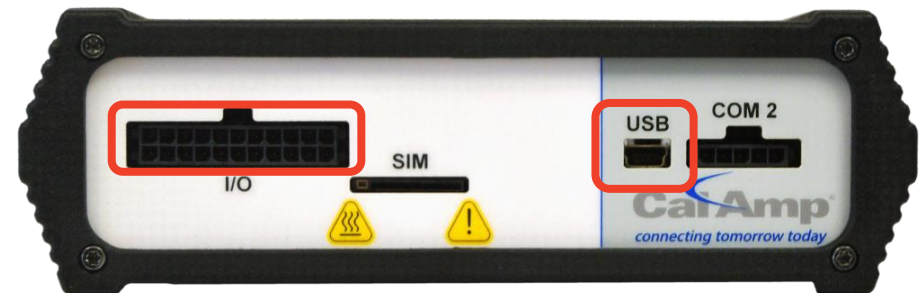
Current VG3000



Refreshed VG3000



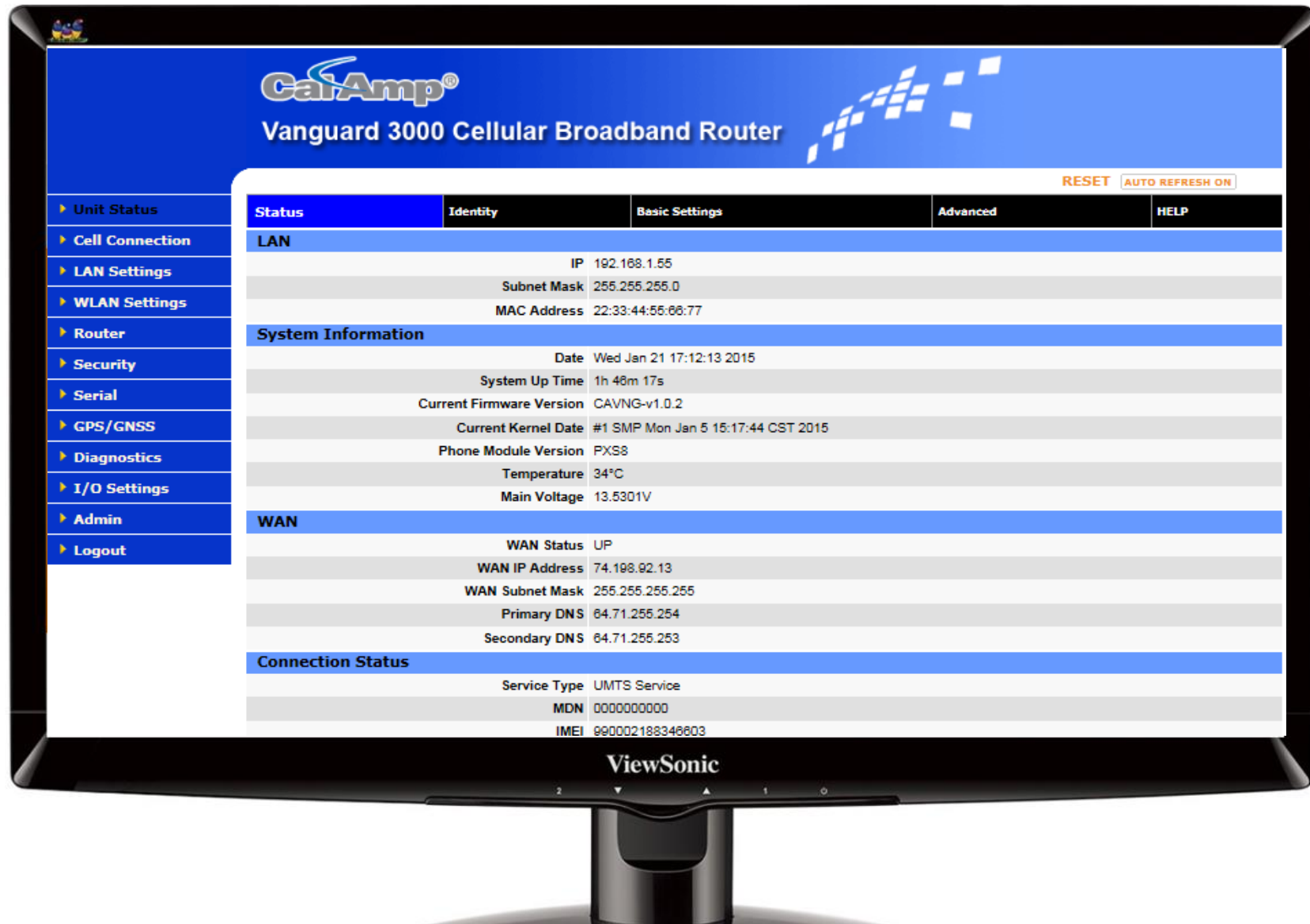
## USB connector relocated



## I/O Connector changed

# Vanguard 3000 Refresh - Embedded Webpage

Same interface for simple configuration and familiar navigation



# VANGUARD 3000

## Product Overview

### PRODUCT OVERVIEW

- 3G Dual Mode (CDMA/HSPA) Multi-Carrier enabled Router, offering flexibility and Carrier auto-switching
- Compatible with CalAmp's DeviceOutlook

### FEATURE OVERVIEW

- High speed 3Gdata transfer rate
- Multi-carrier radio (EVDO/HSPA)
- Enhanced Security (IPSec and Radius)
- Optional WiFi enterprise AP with WEP, WPA and WPA2 Encryption
- Optional Embedded uBlox GPS Module
- ODP Platform/API – 32MB Flash partition
- Internal Expansion Slots
- USB, Serial interfaces, Dual LAN
- Embedded I/O
- 2 Digital Input/2 Digital Outputs/ 2 Analog input

### UNIQUE SELLING POINTS

- Broadband router combined with essential connectivity (Serial & Ethernet), Optional WLAN & GPS
- Supports multi-function, Cellular WAN, WLAN, multiport EN, I/O in one package

## Product Applications

### ENERGY - UTILITY

- Smart Grid
- Distribution Automation
- SCADA

### OIL & GAS

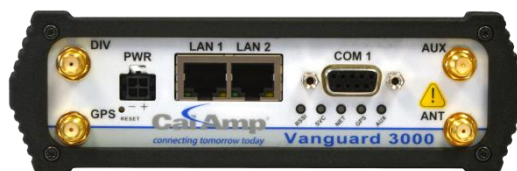
- Production, Gathering & Transportation
- SCADA

### WASTEWATER

- Lift Station Monitoring and Control
- Tank Levels & Flow Rates
- Chemical Monitoring & Control
- SCADA

### PUBLIC SAFETY

- Mobile CAD Software
- Field Reporting Apps
- Email
- Local, State & Federal Data Apps



## Product Updates

### SKUs

Vanguard 3000 Product Line	MSRP
CalAmp Vanguard	
140-7230-000 3G Multi-Carrier	\$650
140-7230-110 3G Multi-carrier WiFi & GPS	\$875

### PRODUCT UPDATES

- Product Refresh February 2015

Vanguard 3000 Product Line	MSRP
CalAmp Vanguard	
VG3000-PXS-M-GEN 3G Multi-Carrier	\$650
VG3000-PXS-F-GEN 3G Multi-carrier WiFi & GPS	\$875



# CalAmp Wireless Networks



**Thank You!**