



Broadband Connectivity for Coaches and Buses

Smart Vehicle Technology | Wi-Fi
Digital Signage | CCTV Monitoring



The Challenge: Converging Passenger Wi-Fi with Vehicle Intelligence

The rising demand for passenger Wi-Fi is increasing the need for wireless communication devices that deliver fast, reliable connectivity. Vehicle-grade routers from CalAmp enable 4G LTE and 3G connectivity for public transportation and deliver applications such as Wi-Fi internet access, CCTV monitoring, telemetry, fleet tracking and digital signage, including location-based advertisement and time to next stop.

CalAmp's vehicle-grade routers support a true vehicle area network, where the coach is enabled as a secure digital hub allow the integration and connectivity of all the onboard devices. Coupled with the new telematics alert engine functionality also enables the Vanguard to integrate directly with a vehicle's CAN bus interface via Jbus to enable access to engine diagnostic interface data, to track vehicle location and speed, and to monitor key driver behavior metrics like hard braking, cornering and acceleration. With a sophisticated combination of vehicle data access and connectivity, CalAmp's newest vehicle-grade routers reliably support a broad array of real-time, connected applications for coach operators, commuter transportation and other connected vehicle deployments.



Next Generation Vehicle-Grade Wireless Solutions



Integrated SMART
Vehicle Technology



WiFi
Hotspot



Integrated Network
Management Interface



Cloud-Based
Platform



Rugged Tablet and
Mobile Devices



Applications



Protect your Data

Whether you need reliable connectivity for ticketing, digital video recording or passenger Wi-Fi access. CalAmp routers are built on a foundation of secure technologies including IPsec, GRE Tunneling, and VPN to protect secure data.



Increase Productivity

CalAmp routers enable coaches and buses with secure backhaul, providing the ability to integrate sensors and location information to use the vehicle as the central point for IP cameras, digital video recording and passenger counting and ticketing applications. An available Wi-Fi hotspot provides reliable, high-speed connectivity for secure data transmission over the network via VPN as well as high speed broadband internet access.



Ensure Safe Driver Behavior

GPS and accelerometer capability give you detailed information about high-risk driving behavior, unauthorized locations and hard braking. With vehicle grade routers from CalAmp, you can identify and coach undesirable driving behavior and reduce excessive idle and long stops.



Deliver Improved Rider Satisfaction

An available Wi-Fi hotspot provides reliable, high-speed connectivity for secure data transmission over the network via VPN as well as high speed broadband internet access. Captive Portal to connect passengers.

Broad Portfolio of Market-Leading Vehicle Grade Devices

CalAmp designs, develops and manufactures a broad range of M2M modems, gateways and routers. With over 7+ million networked devices in operation today, CalAmp's sizeable annual unit run-rate demonstrates tremendous scale, proven quality and trusted reliability.



Vanguard



Fusion



MDT-7



OBD-II Devices



jPOD1/jPOD2

About CalAmp

CalAmp (NASDAQ: CAMP) is a telematics pioneer leading transformation in a global connected economy. We help reinvent businesses and improve lives around the globe with technology solutions that streamline complex IoT deployments and bring intelligence to the edge. Our software applications, scalable cloud services, and intelligent devices collect and assess business-critical data from mobile assets, cargo, companies, cities and people. We call this The New How, powering autonomous IoT interaction, facilitating efficient decision making, optimizing resource utilization, and improving road safety. CalAmp is headquartered in Irvine, California and has been publicly traded since 1983. LoJack is a wholly owned subsidiary of CalAmp. For more information, visit calamp.com, or LinkedIn, Twitter, YouTube or CalAmp Blog.

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