Pepwave CarFi

Features

Reliable Wi-Fi Access on the Move

Keeping connected while on the move isn't optional anymore. Whether for Public Safety or Mobile Professionals, there are countless applications that can keep you productive while on the go. CarFi keeps you connected reliably while standard laptop adapters cause slow performance and frequent disconnects.

Multiple Connections for All Your Equipment

CarFi provides an Ethernet port and a Wi-Fi repeater so you can connect multiple devices reliably through CarFi's powerful and reliable radio. You aren't limited to access inside the car either, you can take your PDA or laptop outside the vehicle to get great service in the field as well.

Make Public Safety More Efficient

Public safety workers are increasingly using technology to make them more available to their jobs. Case reports, database access, and video streaming are making emergency workers more efficient, and keeping our communities safer! CarFi gives reliability and speed that other wireless technology cannot provide.
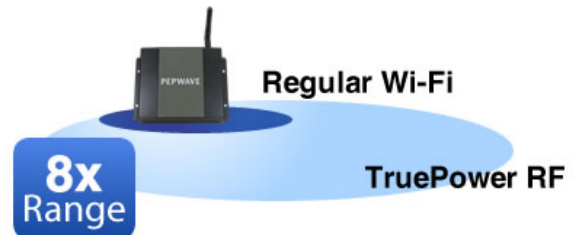
CarFi Series

The Pepwave CarFi solution fills the needs of mobile professionals who need connectivity while in or near their cars. CarFi's enhanced roaming algorithm makes it ready to enable roadside Wi-Fi connectivity anywhere in a city's Wi-Fi coverage area.

It makes staying connected in your car a comfortable experience. Pepwave CarFi enhances the productivity of workers by providing a fast and secure Wi-Fi connection in and around a stationary vehicle.

True Power RF Engineering

Signal strength can vary drastically when moving throughout a city; CarFi's radio unit is designed with TruePower RF engineering to facilitate great connectivity to a Wi-Fi network while in your vehicle. True Power RF gives you more transmit power than any other manufacturer at the highest speeds possible. With CarFi you get up to 10x the power of most laptop cards!

Extensive Frequency Options
Want to operate in the 4.9GHz Public Safety band, or looking for 5GHz models? We have high power models available in almost any frequency. Contact us for more details!

Easy to Install
CarFi comes in a rugged enclosure ready for mounting inside of a vehicle. A 12v vehicle power cord and external antenna make CarFi easy to install in almost any vehicle.

Applications

In Car Media Access

CarFi gives you the ability to stream multimedia content to in-vehicle monitors and audio systems. You can create dynamically updated news, advertisements, or information systems to keep your passengers in the know.

Mobile Video Streaming

Whether you are uploading DVR content, viewing a remote camera, or allowing remote viewers to see inside the vehicle; CarFi gives you the performance you need to keep the video moving.

Fleet Tracking

Knowing where your vehicles are is critical. CarFi lets you send timely updates on where your vehicles are. With the ability to connect multiple devices, you can keep track of your vehicles while also enabling in-vehicle Internet access.

Specifications

Model	CarFi 400
Product Code	OPW-402
Functionality	
Wi-Fi Access Point	✔
Wi-Fi Receiver	✔
Mode	NAT Mode
Wi-Fi Specification	
WAN	802.11 b/g
LAN	802.11 b/g 1 Fast Ethernet Port
Operating Frequency	2412-2462Mhz
Transmit Power 802.11b	400mW 26dBm@1Mbps 26dBm@2Mbps 26dBm@5.5Mbps 26dBm@11Mbps (+/- 1.0dB)
Transmit Power 802.11g OFDM	26dBm@6Mbps 26dBm@9Mbps 26dBm@12Mbps 26dBm@18Mbps 26dBm@24Mbps 24dBm@36Mbps 22dBm@48Mbps 21dBm@54Mbps (+/- 1.0dB)
Receive Sensitivity 802.11b	-97dBm@1Mbps -96dBm@2Mbps -95dBm@5.5Mbps -93dBm@11Mbps (+/- 1.0dB)
Receive Sensitivity 802.11g OFDM	-94dBm@6Mbps -93dBm@9Mbps -91dBm@12Mbps -90dBm@18Mbps -87dBm@24Mbps -83dBm@36Mbps -77dBm@48Mbps -75dBm@54Mbps (+/- 1.0dB)
Security	802.1x, 64/128-bit WEP, WPA, WPA2, 802.11i

PEPWAVE
Broadband Possibilities

Model	CarFi 400
	Hardware
Antenna	5.5 dBi Magnetic-base Omni Metallic Antenna
Antenna Connector	RP-SMA Connector
Enclosure	Ruggedized Metal Enclosure
Dimensions	147W x 115D x 40H mm. 5.8W x 4.6D x 1.6H in.
Weight	420 g. 0.93 lb.
	Operational Specifications
Power / Current Consumption (Max.)	7W / 1.0A
Power Input	AC Adapter: AC Input 100 to 240V, DC Output 12V DC Input: 7-16V
Operating Temperature	-40 - 65°C / -40 - 149°F
Humidity	15 to 95%
	Misc.
Certifications	CE, FCC, RoHS
Warranty	One-Year Limited Warranty
Package Content	• 12V Power Supply • 5.5dBi Magnetic-base Omni Antenna • DC Cigarette Lighter Adaptor

About Pepwave

Pepwave is the proven market leader in delivering specialized wireless solutions for industrial networking, wireless mobility, service providers, and professional hotspots. As an innovator of wireless technology solutions, Pepwave operates globally in cooperation with distributors, system integrators, ODM partners, and strategic alliances.

Contact Us

Sales
sales@pepwave.com
Support
support@pepwave.com
Business Development and Partnerships
partners@pepwave.com