

Introducing the Threat Picture

V1 knows more about radar than it could ever show. Until now.

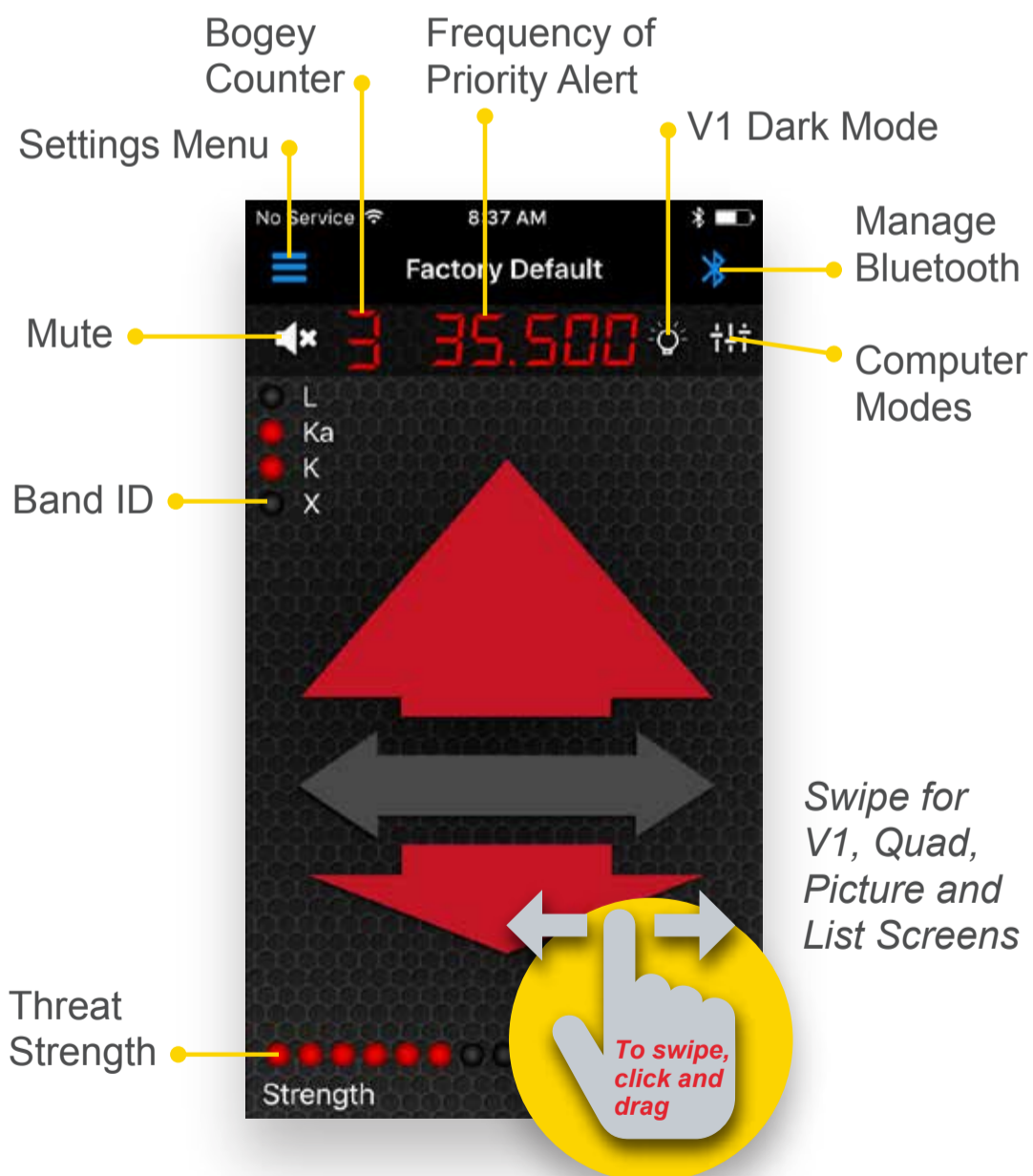
For the first time ever, you can see what V1 **really** knows on the screen of any compatible **iPhone®/iPad®/iPod touch®**.



You'll see the Threat Picture

Of course the screen shows the exclusive Radar Locator with its illuminated arrows pointing toward the threat. And the Bogey Counter still tracks multiple threats as it always has. But now, with **V1connection™ LE**, a wireless Bluetooth® communicator, V1 shows you a revolutionary new way of analyzing radar threats.

Four screens, four ways to track radar



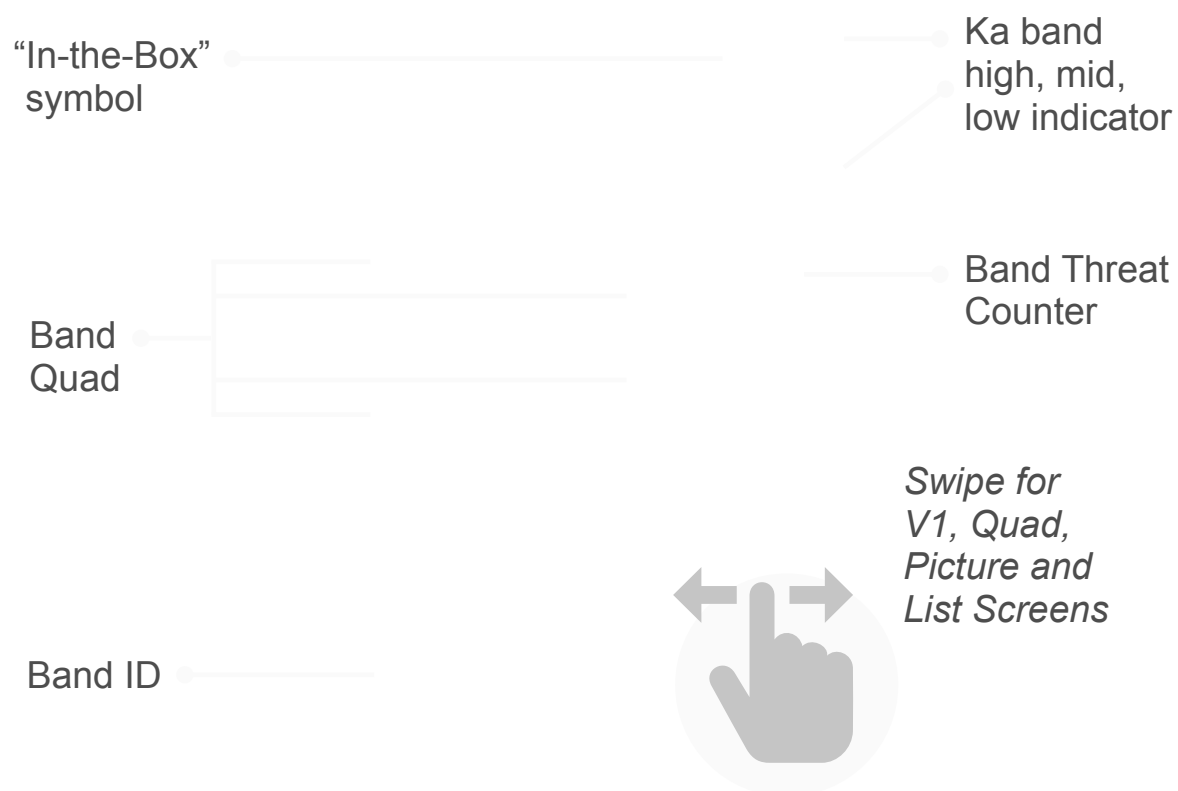
V1 Screen: For the V1 traditionalist, this screen preserves the familiar Radar Locator, Bogey Counter and Band Indicators. At the top of the screen you'll see the frequency of the Priority Alert. Tap buttons to control Mute, V1 Dark Mode, and Computer Modes. "Factory Default Profile" in white letters at the top of the screen indicates that V1 is operating with its original factory settings. Tap the "Profiles" button to open the reprogramming section.

Situation shown here: Three bogeys within range, located front and rear.

Your takeaway: Priority Alert dead ahead on 35.500 GHz.

Four screens, four ways to track radar

Arrow sets appear in all four quarters when four bands are active.



Quad screen: This screen puts emphasis on location, showing up to four sets of Locator arrows, one for each enabled radar band and another for laser if fewer than four radar bands are active. The arrows grow or shrink, depending upon signal strength. A blinking arrow indicates the Priority Alert and its frequency will appear in the window toward the top of the screen. Yellow "Box" indicators light up around signals "in the Box." The count of signals on each band is shown next to the band ID. **The payoff?** Here's an easy way to screen alerts: 1) Is it on a band used for enforcement in your area? 2) Is it "in the Box?" "No" on either question means it's probably a false alarm.

Situation shown here: Three bogeys within range, the Priority Alert blinking Ahead on 35.500 GHz and "in the Box" on Ka. Two weaker signals behind, one on K and one on Ka, both "outside the Box."

Your takeaway: Priority Alert ahead and "in the Box" on Ka, two weaker signals behind, both "outside the Box" and probably false alarms.



Quad Screen: Think of four windows arranged in a quadrant. In the usual U. S. operating condition, X, K and Ka bands will occupy three of the windows, leaving the fourth for laser. Each window has arrows for threat location, plus band ID, threat count on that band, and symbols for “in-the-Box” signals. If Ku has been enabled as a fourth radar band, then laser no longer gets its own Quad window. Instead, laser alerts will be spelled out at the top of the screen and, of course the V1 will still report it as usual with the wailing-siren audible warning.

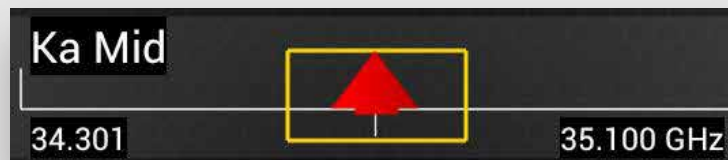
Situation shown here: This represents an extreme scenario with laser ahead and behind, and radar ahead, beside, and behind on X, K and Ka bands, with all radar signals “in-the-Box” except Ka ahead.

Arrow in the Box

Radar detectors typically scan the entire width of X, K and Ka bands. But we know the actual frequencies of every radar gun used in the U.S., and those frequencies don't scatter across the full bandwidth, particularly in the most commonly used Ka band.

So we focus your attention on what we call the Zone of Certified Radar Activity. V1's Threat Picture displays the full width of each band to which we've added a yellow box outline for the active-radar Zone. When you see an arrow outside the box, that's probably a false alarm. When you see an Arrow in the Box, take the threat seriously until you've positively identified it.

Where's the radar? It's *in the Box*.



Arrow in the Box: Probably radar on Ka band, less certain on X and K.



Arrow outside the Box: No traffic radars (except photo) can be outside the Box and still comply with FCC rules.

Why you can Trust the Box

Radar makers, under penalty of law, must certify to the Federal Communications Commission the frequencies used by their equipment. We constantly monitor these certifications. And, on every band, we place a yellow box outlining the certified-frequency range of all radars active on that band except photo radar.

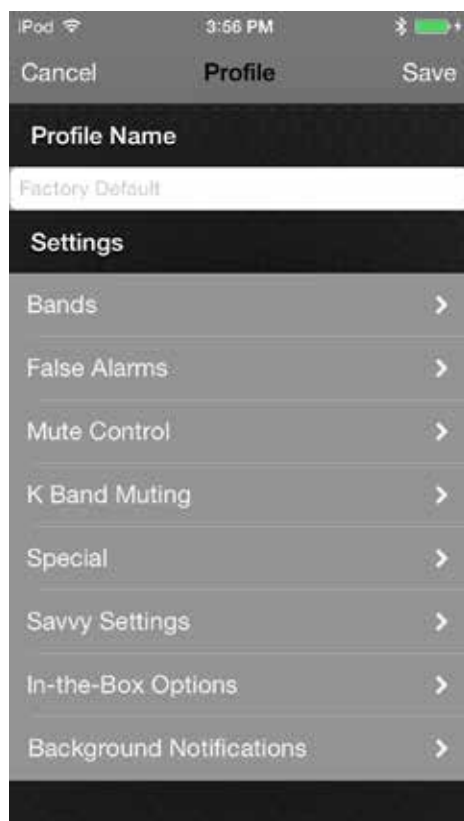
Full disclosure: V1 detects and warns of photo radar just as it does all other traffic radars. But given the rarity of this radar, we don't expand the Box to include its frequencies.

Advanced Situation Awareness

The Threat Picture displays a separate arrow for every threat within range, pointing ahead, beside or behind, according to its direction from your car. The arrows grow larger as the signal strength increases. Your visual scan of the Threat Picture tells you instantly which alerts may mature into threats and which are unlikely to be of further concern.

Beyond Situation Awareness

Think of **V1connection LE** as the Master Controller for your V1 system. You can revise programming, adjust SAVVY settings, change muting, activate dark mode, save custom programming profiles for different trips, and more, all from your handheld.



V1connection LE brings new programming options. Coverage can now be specially tailored to the unique radar bands used outside the U.S. Advanced users may find they want to modify the sweeps of covered frequencies they use here at home according to unique local conditions.

The Profiles screen (left) shows a partial menu of the variables you can modify to suit your own preferences. For example, you can select "Background Notifications" (bottom of the list) so that you can run other apps but receive instant notification from V1 whenever a new threat appears.

What you get

V1connection LE is a Bluetooth-enabled module about the size of your thumb. A three-inch cable is included to plug into the ACC jack of V1's power adapter. This module communicates wirelessly with your iPhone/iPad/iPod touch when you've installed the necessary application, which we call **V1connection, the app**. Download is free. Go to the App Store on your handheld device.

The **V1connection LE** module has no buttons or knobs and it needs no hands-on inputs from you once it's installed and paired with your handheld. You can position it out of sight anywhere in your car's interior.

The app is free!

You can download **V1connection, the app** for free from the [App Store in iTunes](#). When installed, the app automatically runs a Demo Mode. No need to link to V1. Analyze preloaded threat situations four ways: on the V1 Screen, on Quad, on Picture, and on List. Then when you're ready to put the Threat Picture on duty in your car, order **V1connection LE**, the Bluetooth module, directly from us.

Compatibility

[Click here for Apple iOS compatibility.](#)

V1connection LE works with all V1s, but its full capability is available only from V1s with ESP. (Check for the ESP logo on the front panel below the Control Knob.) On pre-ESP V1s, or when using a pre-ESP Concealed Display or Remote Audio Adapter, your handheld will serve as a wireless remote display of all of V1's front-panel warnings, but other functions and screens are unavailable.



Available now

V1connection LE is available as an accessory at \$49 plus shipping (also sales tax for Ohio purchasers).