

## Valentine VLT1-NZ



### Radar Detector

Military Strategists Agree that successful defense begins with good intelligence about the enemy. Valentine One has a patented warning system relying on both forward- and rearward-facing radar antennas (front and rear laser sensors too). It goes beyond Ordinary Radar Detectors by telling you -- on every alert -- where to look, and how many to look for. Once you have this intelligence report, you can easily decide when to defend, and when you can simply shrug off a non-threatening alarm.

### Specifications:

High-efficiency double-ridged horn  
10.500 - 10.550 GHz (X band)  
24.050 - 24.250 GHz (K band)  
33.400 - 36.000 GHz (Ka band)  
13.400 - 13.500 GHz (Ku band)  
820 - 950 nanometers (Laser)  
11.0-16.0 Volts DC negative ground  
225 mA typical standby  
425 mA maximum alarm condition  
4.5 in. L x 3.6 in. W x 1.0 in. H.  
6.4 ounces  
*Operating:* -20°C to +70°C (-4°F to +158°F)  
*Storage:* -30°C to +85°C (-22°F to +185°F)

Valentine One uses two radar antennas -- one front and one rear -- to scan all around your car and precisely locate each radar threat.

Ordinary Radar Detectors have a single antenna facing forward: to cover beside and behind your car, they hope radar will take a lucky bounce into the front opening.

Valentine One uses front and rear antennas reporting to an onboard computer to analyze and precisely locate every radar threat, either by direct reception from one antenna or triangulation between both antennas.