

## Specifications

Operating Frequencies: 10.500 – 10.550 GHz (X band)  
24.050 – 24.250 GHz (K band)  
33.4 – 36.0 GHz (Ka band)  
13.400 – 13.500 GHz (Ku band): not used in U.S. —  
to activate Ku band, see [www.valentine1.com](http://www.valentine1.com)  
(Ask Mike, Tech Reports, Report 3), or  
<http://www.valentine.com/lab/MikesLabRpt3.asp>.  
820-950 nanometers (Laser)

Power Requirements: 11.0-16.0 Volts DC negative ground  
225 mA typical standby, 425 mA maximum alarm condition

Dimensions and Weight: 4.5 in. L x 3.6 in. W x 1.0 in. H; 6.4 ounces

Temperature Range: Operating: -20°C to +70°C (-4°F to +158°F)  
Storage: -30°C to +85°C (-22°F to +185°F)

## Parts & Accessories

The following items are available directly from us: Call toll-free 1-800-331-3030

**Concealed Display** . . . . . enables operation of Valentine One with lights being visible to driver only

**Remote Audio Adapter** . . . enables remote control and audio operation of Valentine One with headphone or additional speaker

### Power Adapters

Lighter power adapter . . . . . powers Valentine One from car's lighter socket  
Direct-wire power adapter . . . powers Valentine One directly from car's wiring  
Fuses . . . . . replacement for Lighter Adapter: 2 amp, Mini Blade Fuse (Littelfuse 297002)  
replacement for Direct-wire Power Adapter:  
1 amp, 5mm x 20mm.  
Wiring-harness connector . . . provides simple, safe attachment to ignition wiring using ordinary hand tools

### Mounts

Windshield mount . . . . . mount with patented mechanism for easy one-hand release  
Visor mount . . . . . mount with spring clip for quick installation on visor  
Suction cups (4) . . . . . replacement cups for use with mount

### Power Cords

Power cords . . . . . coiled, 1 ft. stretches to 6 ft.; straight, 8 ft.

### Additional Items

Owner's Manual . . . . . instructions for operation and troubleshooting  
Dual Lock® . . . . . extra fasteners for Concealed Display and power adapter