

# PASSPORT 8500 *SuperCharged Performance*

## ► New SuperCharged Radar Performance

Maximum warning for all radar and laser signals, even blind and "corner cut" K-band, K-band, and SuperKw K-band. Advanced Digital Signal Processing provides longer warning distances, with increased false alarm.



## ► New AutoSensitivity Mode - Reduces False Alarms

Intelligent AutoSensitivity reduces false alarms created by security motion sensors, and automatic door openers. Convenience of Highway, and City modes also provided.

## ► New High-Performance Laser Circuitry

Passport uses multiple high-performance laser sensors to provide maximum laser warning, with superior off-axis protection.

## ► New Re-Programmable Processor

Passport's new on-board processor can be re-programmed to detect new radar and laser threats.

## ► 3 High-Resolution Meter Modes

Passport provides 3 types of meter displays: standard bar graph, exclusive ExpertMeter, and our new SpecDisplay.



Passport 8500

## ► Comes Fully Equipped

Passport comes complete with a comprehensive owner's manual, quick release vinyl shield mount with extra suction cups, a coded SmartCard, quick reference card, and an Escort travel case.



SmartCard included

## ► Limited One Year Warranty

Escort's Limited One Year Warranty is available on all Escort radar units.

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## ► Brightness Control

Choose Dim, Medium, Full brightness, or fully dark for discreet night driving.

## Program

### ► Ultra-Bright Matrix Display

Passport's matrix display uses 280 individual ultra-bright LEDs to provide crystal-clear signal strength, and text messages for programming and SMS radar signals.

### ► Safety Warning System

Over 60 specific safety messages warn of real hazards by using SWS technology.



## ► Designed and Printed in the USA By:

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## Features and Specifications

- **Operating Bands**
  - K band 10.325 GHz ± 25 MHz
  - X band 24.150 GHz ± 100 MHz
  - Ka band 34.700 GHz ± 1300 MHz
  - Laser 904nm, 33 MHz Bandwidth
- **Radar Receiver**
  - Superheterodyne, GaAs FET VCO
  - Scanning Frequency Discriminator
  - Digital Signal Processing (DSP)
- **Display Type**
  - ALGoli 280 LED Matrix/Text
  - Bar Graph
  - ExpertMeter™
  - SpecDisplay™
  - 3-Level Dimming, plus full Dark Mode
- **Power Requirement**
  - 12VDC, Negative Ground
  - SmartCard MultiDisplay™ Included
- **Programmable Features**
  - Power-On Indication
  - Power-On Sequence
  - Signal Strength Meter
  - AutoMate
  - Audio Tones
  - City Mode Sensitivity
  - Display Brightness
  - Dark Mode
  - Safety Warning System Alerts
  - Radar / Laser Bands
- **Sensitivity Control**
  - AutoSensitivity
  - Highway
  - City
- **Auto Calibration Circuitry**
- **SmartMate**
- **SmartShield™ V02 Immunity**

**R A D A R • L A S E R • S A F E T Y • D E T E C T O R**