PRODUCT CODE: ESCORT Passport 8500ci

PRODUCT DESCRIPTION: GPS enabled custom installed safety radar detector with AUS/NZ Safety Camera Database. Tuned for both AUS & NZ Markets – Including Advanced K-Pulse

NARRATIVE

The new PASSPORT 8500ci is a complete, custom-installed radar/laser detector with GPS-powered intelligence. Its GPS features provide permanent relief from false alarms, including automatic door openers, motion sensors, and other radar-based sensors. The new proprietary threat-signal ranking (TSR) software intelligently sorts, ranks, and rejects traffic-flow monitoring false alarms automatically. Comes preloaded with thousands of red-light and fixed-position speed camera locations throughout Australia and New Zealand.

FEATURES

10 x Range vs. Imports	Brightness Control with Dark Mode
All Australian & New Zealand Radar and Laser Band Coverage	AutoMute™ Audio Controls
GPS with user "Maked" locations	Easy-to-Use Options and Controls
NEW Threat-Signal Ranking (TSR) software	Ultra-Bright High Definition Display
DEFENDER™ Database preloaded with thousands of red-light and fixed position speed cameras	One year limited warranty
Advanced Auto Sensitivity	
Complete VG-2 Immunity	

SPECIFICATIONS

Operating Bands: • X-band: 10.525 GHz ± 25 MHz • K-band: 24.150 GHz ± 100 MHz • Ka-band: 34.700 GHz ± 1300 MHz • Laser: 904nm, 33MHz bandwidth (optional laser shifting with ESCORT Laser Shifter™pack)	**Programmable Features:** • GPS Filter • Bluetooth (optional) • Markers • Power-On Indication • Over Speed Alert • Signal Strength Meter • Automute™ • Safety Warning Alerts • Voice Alerts • Bands
Radar Receiver/Detector Type: • Superheterodyne, GaAs FET Varactor-Tuned VCO • Scanning Frequency Discriminator • Digital Signal Processing (DSP) • 4-bit high-resolution A-to-D converter	**Sensitivity Control:** • Highway • Auto Sensitivity • Auto NoX
Laser Detection: • Quantum Limited Video Receiver	**Power Requirement:** • 12VDC, Negative Ground
Display Type: • HP AlGaAs 280 LED Matrix/Text • Bar Graph, Expert Meter™, Spec Display • Automatic brightness control, plus four levels of fixed brightness, including Full Dark	**Additional Patented Technology:** • Auto Calibration Circuitry • Complete VG2 Immunity