



## CHARACTERISTICS

### SAFE

- Molded in-dash touch screen display
- Airbag deployment zone safe
- Clears up space between the driver and passenger
- Reduces distracted driving

### ERGONOMIC

- Large 12-inch touch screen display with a 4:3 viewing ratio
- Swivel mechanism for driver's or passenger's display viewing
- Quick access steering wheel control buttons. Controls light bar, emergency lights, siren tones, toggles between PC applications and blackout.
- Quick release back-lit keyboard allow user to type in an upright position

### SIMPLE

- Unique user interface display menu specifically designed for police vehicle duty
- Custom scripting to tasks automation
- Common in-cab standardization of most police car models (Dodge Charger Enforcer™, Ford Police Interceptor™ Sedan, Ford Police Interceptor™ Utility, Ford F150 Responder™, Chevy Tahoe Police Pursuit™ vehicle)

## COMPARATIVE TABLE

● INCLUDED ○ OPTION

KITS AND OPTIONS	LITE	BASE	PRO
Rugged 12" touch screen display, 4X3 landscape format	●	●	●
Trim and mechanism that allows the touch screen to swivel, integrated into the dashboard in the safest location	●	●	●
AM/FM radio (can be relocated in the console or in the dashboard)	●	●	●
Climate controls (HVAC) can be relocated in the console, in the dashboard or in the ceiling console.	●	●	●
RedAlert™ software interface allows quick touch screen access to agency applications and operations of vehicular emergency equipment	○	●	●
Powerful rugged in-vehicle in-dash computer optimized for police fleets		●	●
Emergency lights control pad and ergonomic joystick that allows the control of any lights or siren		○	●
Reconfiguration of steering wheel auxiliary control buttons		○	●
Advanced power management		○	●
Blackout module		○	●
Runlock module		○	●

## ADVANCED MODULES

Two-factor security authentication software integration	○	○	○
Ergonomic detachable keyboard and support kit	○	○	○
Conversion kit to reinstall Kommander in another vehicle model	○	○	○
Customized glove compartment - ready to install docking station and small rugged tablet	○		
Dashboard integrated printer	○	○	○
In-car video system (body worn, surveillance, backup, etc.)		○	○
Advanced in-car telemetry system		○	○
In-car automatic inventory management		○	○
Driver habits monitoring		○	○
Idle management module		○	○



## THE KOMMANDER™ SOLUTION

SAFE, ERGONOMIC, AND SIMPLE. DEVELOPED SPECIFICALLY FOR POLICE SERVICES.

### SOLUTION COMPONENTS

Items such as emergency lights, sirens, blackout mode, head unit speaker muting, scrolling through applications, transferring the horn, siren or air horn can be controlled by the steering wheel buttons in an external enclosure, in-dash button or touch screen user interface of the on-board computer. In a Dodge Charger Pursuit™, Ford Interceptor™ Sedan and Utility, the climate controls functions are physically accessible through backlit rotating buttons minimizing distracted driving.

### REDALERT™ USER INTERFACE

#### INTUITIVE MENU INTERFACE

This intuitive menu interface offers large on-screen buttons to access and control connected peripheral devices, the emergency lights and siren and the computer (ex. volume, brightness, muting, session control). It allows for intuitive smartphone-like navigation.

#### EVENT MANAGER

Events from different devices are server stored, centralizing all data retrieved for future use. The information that can be transmitted are the GPS unit position, vehicle and computer status or any other information can be retrieved by the event manager. Components that can be monitored are emergency lights and sirens, data modems, video cameras, computer-integrated E/S, the computer control module, land mobile radio, radar, and mobile printer.

#### REDALERT™ SERVER VERSION (OPTIONAL)

This module allows the display in the form of a real-time dashboard of the status of indicators covering all vehicles. In addition, an inventory management and mapping module is included.

### VEHICLE TELEMETRY

The Kommander™ solution interfaces directly with the vehicle CAN bus network to retrieve, read and manage messages such as the speed sensor (VSS), battery voltage, transmission position, steering wheel button activation, vehicle fuel consumption, and open door sensors. No physical fuses are used. Instead, the Kommander system protects the equipment it powers with intelligent digital sensors.

### TECHNICAL SPECIFICATIONS OF VEHICULAR COMPUTER

- ISO-16750 (2, 3, 4,5) Road vehicles environmental conditions and testing for electronic equipment
- REG No 10.— Vehicles electromagnetic compatibility
- Vibration: MIL-810F, ISO16750 standards
- Operating temperature: -40C to +85C (-40F to +185F)
- Mean Time Between Failure (MTBF): 43800 hours
- Videos inputs: 1 ports (up to 4 ports)
- I/O: 11 inputs, 4 outputs
- Screen: 12,1 inches, 4:3 aspect ratio, up to 1400 nits of brightness
- Wi-Fi: 802.11 a/b/g/n (supports client and AP)
- Accelerometer/Gyroscope: 3 axes
- Ethernet port: 1 port RJ-45
- Serial ports: 4 RS232/RS485 ports
- USB: 4 USB 3 ports
- Antenna ports: 1 WIFI, 1 GPS, 2 LTE
- Voltage: 9-24VDC (No converters)
- 2 x CAN-Bus, Data-I/O's, VSS- and gearshift sense
- Internal storage: 256 SSD (up to 2Tb SSD)
- Memory: 8GB RAM, up to 16GB RAM
- Operating system: Compatible Windows 7, 8, and 10
- Processor: 6th Generation Wide-temperature Intel® Core i7 (6822EQ Skylake) 4 x2.0GHZ (2.8 GHZ) Turbo-Advanced Quad-Core Processor
- Accurate AGPS + automotive dead reckoning (ADR)
- Dual sim slots
- Internal back-up battery for abrupt power interrupt controlling power-shut down of applications
- Doesn't require a docking station

