StarLine® | The E Series Platform

The **StarLine E-series** represents the most affordable modern OEM vehicle security upgrade option. It is a classical platform, featuring **2CAN/2LIN** and **BluetoothSmart** interfaces, as well as a built-in **868Mhz transceiver** w/ **SmartDialog™**, using **AES 128-bit** encryption that guarantees immunity to all known code-grabbing devices. The system can be used with or without a **2-way LCD pager**. Owner authentication takes place via personal smartphone (phone-as-tag), StarLine contactless ID tag, and/or PIN code entered on the vehicle's dash buttons.

The system can be upgraded with a number of optional components at any point after installation.

Interfaces: 2xCAN, 2xLIN, BluetoothSmart, microUSB, RF868Mhz.
Architecture: ☑ Monoboard | ☐ Modular
Owner authentication: StarLine driver ID tag, personal smartphone, PIN code on OEM dash buttons, 2-way LCD pager.
System control: OEM fob, StarLine driver ID tag, StarLine smartphone app. (within Bluetooth range i.e. <5m from the vehicle), 2-way LCD pager (up to 2000m).
Engine immobilisation: Digital (CAN-BUS), standard analogue, coded, wireless.

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FlexibleLogic™ algorithms allow StarLine-approved technicians to implements bespoke solutions for individually-tailored features, considering any particular vehicle's inherent vulnerabilities and the owner's unique security and comfort requirements.

Seamless Integration
Can be adapted to virtually any make/model, ensuring time-efficient, **error-free** installation and **minimal intrusion** to the vehicle's electrical systems and native wiring. Supports both – CAN-bus and analogue connection.

SuperSlave™ Technology
Controlled by the car's factory fob; plus – several additional owner authentication methods to choose from, in order to prevent signal interception from the factory fob as well as remote key cloning (the '**relay hack**').

3D Accelerometer + Adjustable Sensors
Built-in 3-axis accelerometer detects motion and controls intelligent dual-zone user-adjustable **impact and tilt** sensors, optimised to minimise false triggers.

Multipoint Immobilisation
StarLine supports multi-point immobilisation, including immobilisation on motion detection, remote immobilisation on-demand, as well as advanced **anti-hijack** algorithms. Up to 5 wireless relays can be added.

Military Grade Encryption
StarLine uses unhackable **dialogue** encryption with **128-bit individual keys**, resistant to all known code-grabbers, relay boxes, and any other form of digital theft.

2-Way Communication
The system can be supplemented with an ergonomically-streamlined shockproof 2-way LCD pager (range up to 2000m), that work on the **frequency of RF868Mhz**.

Bluetooth Telematics
Remote settings, status updates, notifications, and event histories can be viewed via the **StarLine Telematics smartphone app.** For the E-series, the app. will work within Bluetooth range (<5m from the vehicle).

StarLine safeguards against such methods of theft as:

- ✓ Carjacking
- ✓ Keyless entry system hacking
- ✓ Code interception
- ✓ CAN-BUS shutdown
- ✓ Physical key theft
- ✓ Key cloning via OBD-II
- ✓ Towing, jacking-up
- ✓ Frequency jamming

Smart Owner Authentication
The system will identify its owner and remove driving prohibition via one or several chosen methods: personal smartphone, StarLine smart tag, a PIN code entered on OEM dash buttons, and/or 2-way LCD pager.

Intelligent Remote Engine Start – start/stop your vehicle's engine remotely via CAN-BUS with the StarLine **iKey™** keyless transponder bypass technology.

Learn more about StarLine's
professional automotive security solutions at:
www.starlinesystems.co.uk