

# C-Flex Lite

## Advantages

- Two CAN ports
- 12 or 24 V versions
- 12 V Power output
- Digital and analogue inputs
- Speaker driver
- Built and tested to automotive standards



C-Flex Lite is a simple but powerful ECU designed primarily for automotive use. Boasting 2 high speed CAN ports and flexible analogue and digital I/O its most obvious application is as a CAN gateway. One of the CAN ports is 'daisy chained' internally, making incorporation into a loom more straight forward.

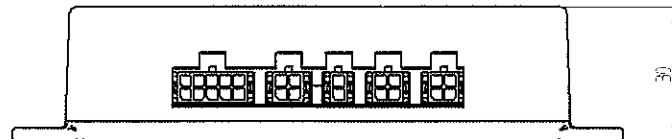
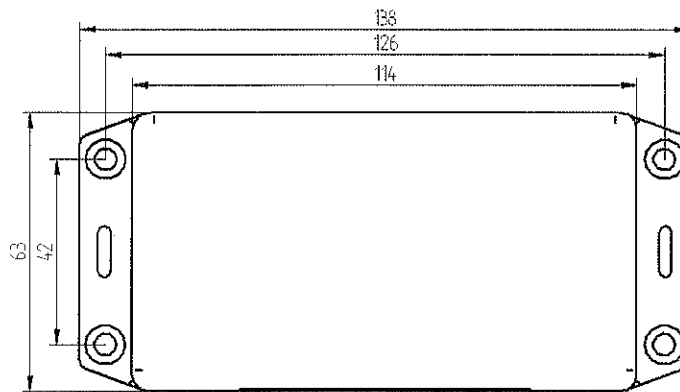
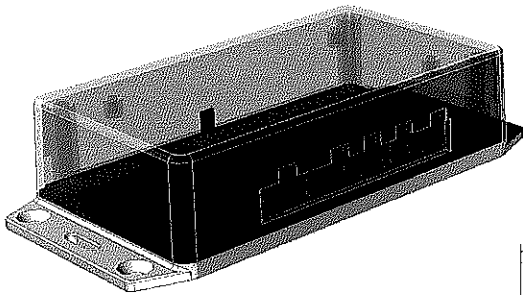
C-Flex Lite functionality is enhanced by a versatile analogue input that is capable of operating across a wide voltage range. Its sample rate is fast enough that it can be used to measure vehicle speed signals, regardless of voltage used.

In addition to the basic automotive capability, C-Flex Lite also provides RS232 connectivity and a 5 W speaker output.

Available in high and low volumes alike, accompanied by a wealth of software options for the popular S12x processor, the C-Flex Lite is suitable for both prototype and mass volume applications.

## Technical Specification

- **Communication Ports** 2 High Speed CAN  
RS232
- **Sound Output** 5 W (8  $\Omega$ )
- **Inputs** 1 x high speed 15 V DC analogue input  
3 x 12 V DC digital switch inputs
- **Operating Temperature** -40 °C to +85 °C
- **Enclosure Rating** IP32
- **Dimensions** 113 x 63 x 28 mm
- **Operating Voltage** 12 or 24 V DC options
- **Maximum Current Out** 2 A
- **S12x Microcontroller** 50 MHz  
256 k Flash  
500 bytes of internal EEprom  
16 k RAM  
BDM interface



For more information on the C-Flex Lite ECU, contact:

Tel: +44 (0) 121 627 4242 or E-mail: [conekt-enquiries@trw.com](mailto:conekt-enquiries@trw.com)

**conekt**  
powered by TRW

TRW Conekt  
Technical Centre  
Stratford Road  
Solihull B90 4SW  
United Kingdom

Tel: +44 (0) 121 627 4242  
Fax: +44 (0) 121 627 4243  
[conekt-enquiries@trw.com](mailto:conekt-enquiries@trw.com)  
[www.conekt.co.uk](http://www.conekt.co.uk)