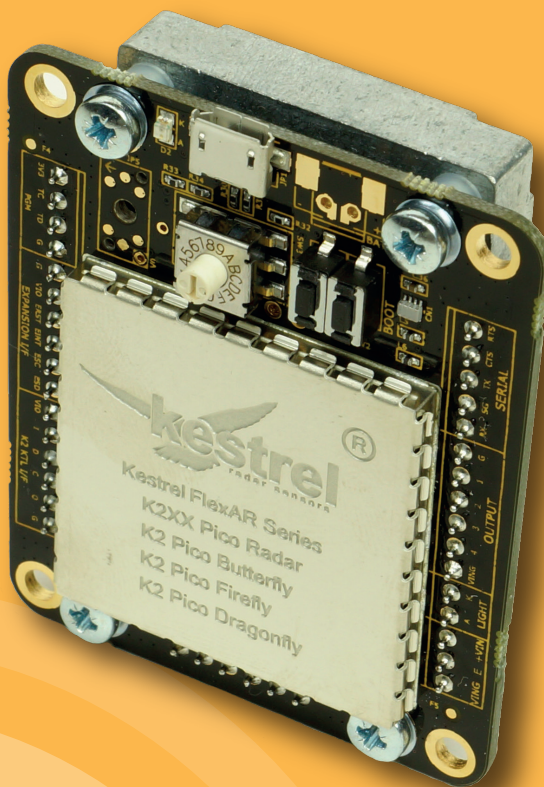


kestrel

radar sensors






Introducing the K2 product family

The Kestrel K2 is the next generation of radar products for the vehicle detection market.

Designed for ultra low power, high performance and complete flexibility, the K2 offers not just best in class performance but it defines a whole new class of radar product.

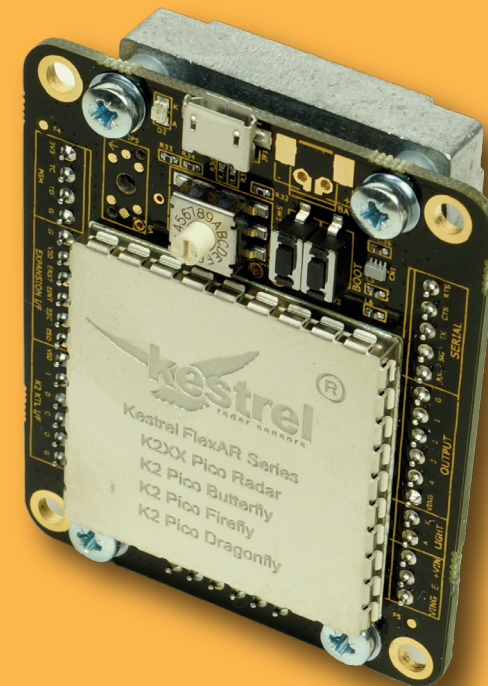
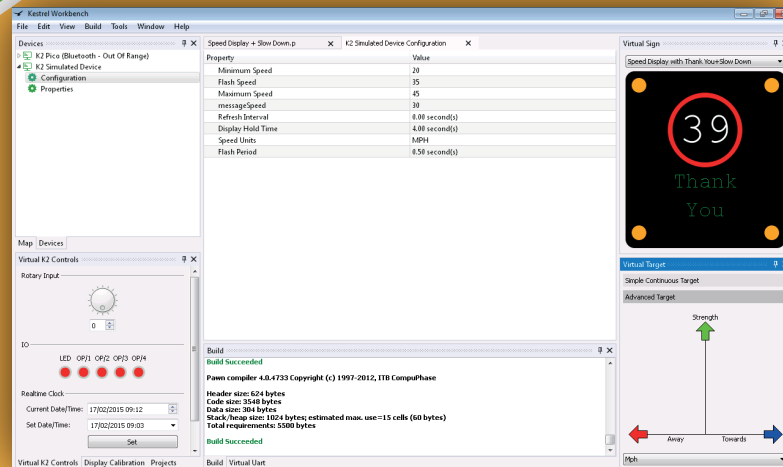
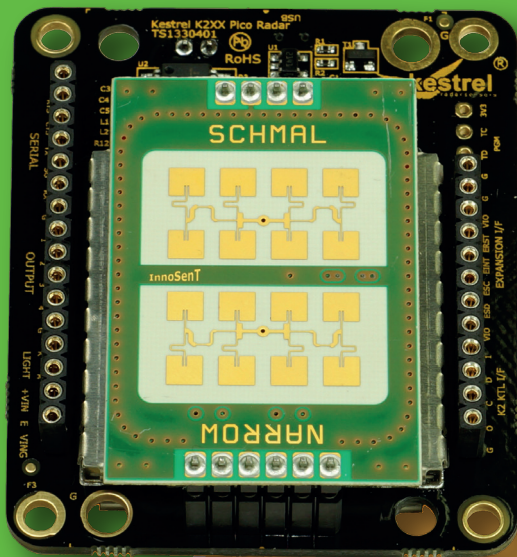
The K2 product family is available with a range of sensor options which provide detection ranges up to 400 metres and all K2 radars can take advantage of data logging, Bluetooth, Modem and GPS options.

A range of standard LED display board products are available for OEM use.

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Designed and manufactured in the UK





The Complete Package

The K2 radar is a true ultra low power device that consumes less than 65mW when operating at 4Hz (for the 100 metre product). It has a powerful CPU which operates at 120MIPS and allows advanced DSP algorithms to be performed on the radar signals. It offers a high degree of functionality including RS232, USB (Host and Device modes), 4 on-board PWM outputs which can directly drive auxiliary LED signs with current of up to 2A per channel, light sensor input, 4GB of on-board storage and operation from 6V to 17V DC.

For true flexibility the K2 uses a virtual machine allowing the you to define the radar functionality. Example projects are provided to show how to use this powerful feature which frees you from "basic fixed modes of operation" and allows you to define your own functionality. Our new Kestrel Workbench software has been built from the ground up to support the K2 family and this software can be used to design radar programs, test them in the built in simulator and then deploy them on real devices.

The K2 is the platform to take your products to the next level.

Our high level of integration means that our LED Drivers, Bluetooth, Modem and GPS modules are available as standard products and feature plug and play functionality with the same low power consumption goals. Also available as a standard product are LED sign kits with built in radar, just apply power!

Kestrel Radar Sensors offers world leading hardware and software solutions for many application areas and strives to produce the highest performance products on the market. New devices and ideas are continually being investigated and we hope to launch many more products in the coming years.



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