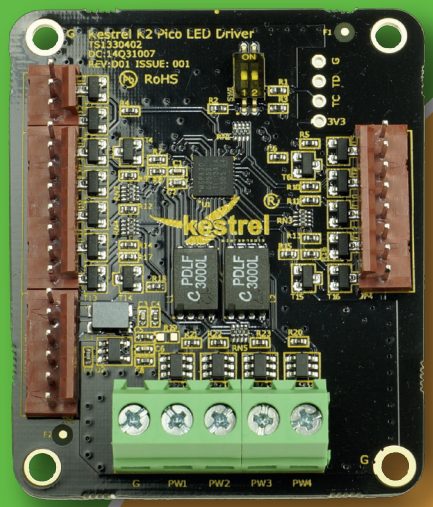
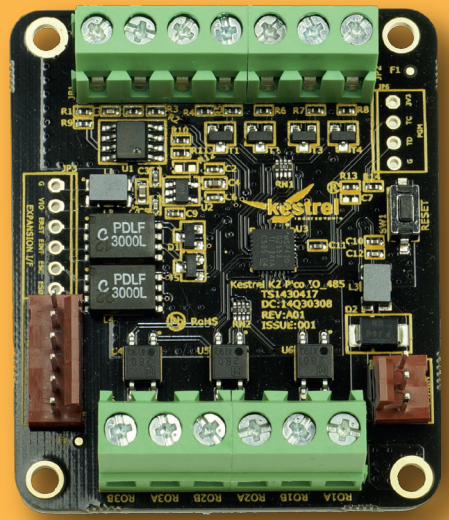
Input & Output Devices



LED Driver

The K2 Pico LED Driver module is a versatile product capable of driving digits and auxiliary signs using pulse width modulation (PWM).

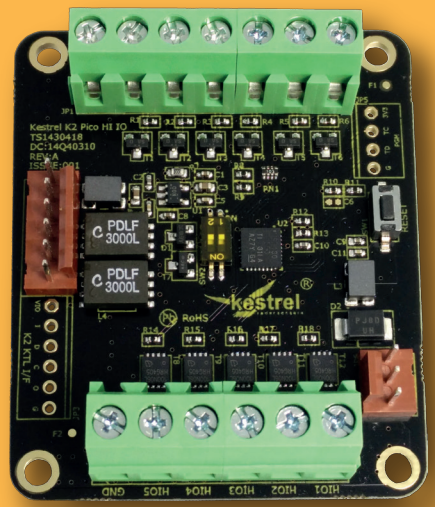
- 15 drive channels for segment control of 2 digit or 2 + 1/2 digit signs.
- 500mA sink current per segment.
- 4 auxiliary PWM channels with 2A per channel drive capability.
- Available in two connector formats. Pin socket for direct PCB mounting or pin headers for cabled solutions.



IO 485

The K2 Pico IO 485 module has been designed to enhance the capabilities of the K2 Radar. The versatility of this module allows many complex system integration issues to be resolved with minimal effort.

- 4 digital inputs.
- 3 OPTO isolated outputs for AC or DC switching control.
- RS485 for low data rate control (PLC interface).
- Available in two connector formats. Pin socket for direct PCB mounting or pin headers for cabled solutions.



HI IO

The K2 Pico HI_IO module is designed primarily for driving larger LED string arrays in static signs. The outputs can sink peak pulse currents as high as 15 Amps with a continuous rating of 5 Amps.

- 6 digital inputs.
- 5 PWM high current outputs.
- Available in two connector formats. Pin socket for direct PCB mounting or pin headers for cabled solutions.

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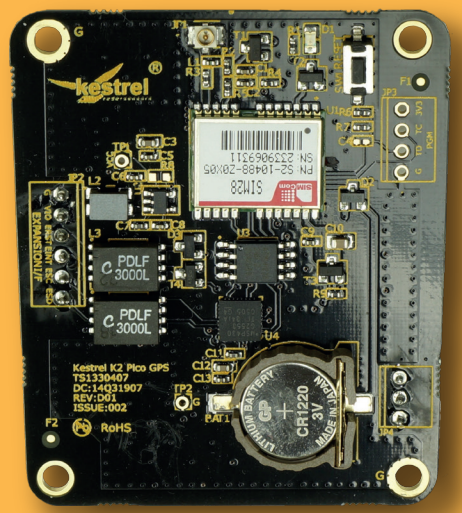
Communication Devices

GSM Modem

The K2 modem has been designed to allow remote access, firmware updates, application updates and setting modifications remotely over the GSM network.

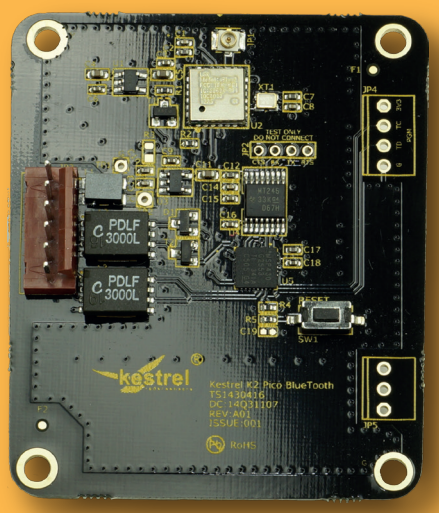
- Quad band GPRS modem.
- Allows remote access to K2 radars.
- Allows remote data upload/download and firmware updates.
- Time synchronisation to network time for data logging applications.
- Available in two connector formats. Pin socket for direct PCB mounting or pin headers for cabled solutions.



GPS

The K2 GPS module allows the radar to retrieve precise coordinates from a network of satellites and can also be used as a source for precise clock information.

- 22 tracking/66 acquisition channel GNSS receiver.
- Supports muli-GNSS, SBAS, EGNOS, WAAS, GAGAN.
- Almanac data can be stored in battery backed storage for rapid reacquisition of satellites.
- Available in two connector formats. Pin socket for direct PCB mounting or pin headers for cabled solutions.



Bluetooth

The K2 Bluetooth module provides a non-contact solution to allow firmware updates, application updates and setting modifications without a physical connection to the radar.

- Wireless access to K2 radars.
- Data upload or download.
- Range up to 100 metres.
- Available in two connector formats. Pin socket for direct PCB mounting or pin headers for cabled solutions.

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