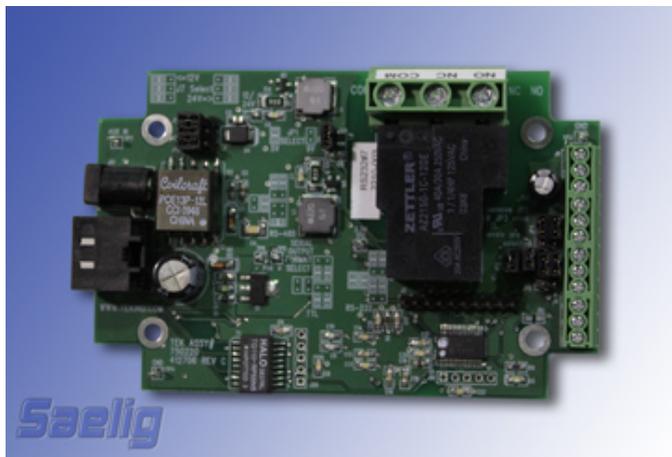


PoE Boards Ease Product Development



Saelig has introduced a family of PoE (Power-over-Ethernet) boards that allow remote device operation and control without the need for a local power source. TEK-PoE 2 DC-12W is a PoE power source which delivers regulated DC power for Ethernet-connection of devices that are not PoE-ready. TEK-PoE 2 DC-12W uses standard PoE switches, cables and RJ45 connectors, delivering regulated DC output at a user-selected level of 5V, 9V, 12V or 24V, and passing a 10/100base-T Ethernet connection through to the output jack. A Keep Alive circuit provides a minimum load to keep the PoE source connected under no-load conditions.

PoE-2-RS232-12W is a PoE serial adapter/converter that provides Ethernet-to-serial data conversion and high efficiency local power from Ethernet cable when sourced by 802.3af-compliant Power Sourcing Equipment (PSE). This unique serial-to-Ethernet cable adapter can quickly and easily be connected to any device with a serial port connection, making it immediately web-enabled. This newly web-enabled serial device is now accessible from the furthest corner of the world right from any PC. Functioning as a single serial port server, PoE-2-RS232-12W converts a serial port to an Ethernet port, removing the length limitations imposed by RS232 communication cables.

PoE-2-Input-12W is a digital monitor/dc-dc converter that provides remote Ethernet monitoring for up to 16 digital Inputs with local power derived from a PoE cable. This unique networked device monitor can quickly and easily web-enable any 5V digital device. This digital monitor can therefore report status, time, temperature, alarm, or any other information of interest from anywhere directly to a PC. Additionally, it can deliver regulated DC power for an additional non-POE device, locally converting up to 48 VDC down to 3.3-12 VDC for non-POE devices.

PoE-2-Relay-8-12W is a relay output and local dc-dc converter that offers remote Ethernet switching control of up to 30 Amps per device on 8 different relay channels on a PoE Ethernet connection. This versatile Ethernet switching controller can quickly and easily allow web-control of up to eight 30 Amp loads. In addition, PoE-2-Relay-8-12W features a power extraction accessory that can deliver regulated

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DC power for a secondary non-POE device. PoE-2-Relay-8-12W makes it easy to remotely switch a load under software control.

A software development kit is also available for developing customized applications for these PoE boards.

Designed and built in USA, TEK-PoE boards are available now from Saelig, with prices starting at \$39 - 176 USD (qty 100). A Development Starter Kit is also available at \$99.00. For detailed specifications, free technical assistance, or additional information, please contact 1-888-7SAELIG, via email: info@saelig.com [1], or visit www.saelig.com [2].

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Links:

[1] <mailto:info@saelig.com>

[2] <http://www.saelig.com>