



NEW PRODUCT ANNOUNCEMENT

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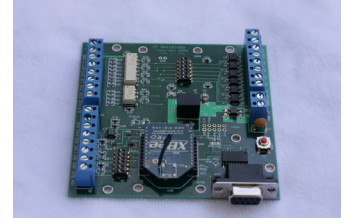
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Saelig Introduces vWire – Virtual Wire

Wireless Remote Analog/Digital/Serial Communications

Pittsford, NY: Saelig Company, Inc. (Saelig) (www.saelig.com) announces the availability of vWire™ boards which provide wireless "virtual cables", with simultaneous analog, digital, and serial connections between two or more sites located up to 1 mile apart. Alternately, vWire boards can be used in a large peer-peer PAN network mode to wirelessly access remote analog and digital signals from many vWire boards.



When operating in the virtual cable mode, one or more vWire Base units can be connected to one or more vWire Remote units with a clear line-of-sight wireless range of up to 1 mile. The inputs and outputs to and from a vWire Base unit can easily interface to a local host controller (such as a PLC) to connect remote digital and analog IO signals as if they were directly connected to the host with a hard-wired cable. Essentially, the host analog/digital outputs are connected to the Base vWire analog/digital inputs and mirrored as outputs at the Remote vWire unit. At the same time, the Remote vWire inputs are mirrored as outputs back at the Base vWire unit where these outputs are connected to the host inputs. The term Base unit or Remote unit is arbitrary as there is only one type of vWire board. The RS232 serial port can also be setup in virtual cable mode where a Base unit RS232 I/O is mirrored to and from a Remote unit RS232 port.

Alternatively, digital and analog signals connected to a vWire unit can be converted to digital formats, packetized and sent to one or more other vWire units in a peer-peer network. The data packet is received or sent on an RS232 port. A host controller can use this feature to directly address up to 65533 wireless vWire remote units in a network to monitor and control a truly enormous number of remote nodes. Up to 12 of these large networks may operate separately in the same area.

A master-slave network arrangement is possible but not necessary, as a peer-to-peer PAN network can be established whereby any vWire unit can communicate with any other vWire unit and exchange data via RS232 packets. Each vWire unit then operates as both a master and a slave. A clear line-of-sight wireless range of up to 1 mile is possible with the 100mW power output of these units.

Features: Wireless "virtual cable" mode or Network peer-peer mode (up to 65533 nodes); Up to six optically isolated digital inputs(30V) and relay outputs(60VAC/DC/400mA- solid-state); Two analog inputs(0-20mA/0-2.5V/0-5V/0-20V); Two analog outputs(0-5V); RS232 (up to 128.2K); Programmable output power of up to 100mW; Antenna options include built-in chip or wire antenna or an external antenna; Transparent RS232 serial cable mode; Easy to use setup configuration software; Screw terminal I/O connections; DIN rail or panel mount; Power supply of 9-30V/100mA required; Board size 4" X 4".

vWire Units are available now from Saelig: the two board Starter Kit is \$620.00 USD (qty 1 – additional boards priced under \$300. For detailed specifications, free technical assistance, or additional information, please contact (toll-free in the US) 1-888-7SAELIG, via email: info@saelig.com, or visit www.saelig.com

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About Saelig Company, Inc.

Founded in 1988 in Rochester, New York, Saelig is a North American distributor with a growing reputation for finding and sourcing unique, easy-to-use control and instrumentation products and related active components, for use in a variety of industries, including: automation, automotive, aerospace & defense, computers, controls, embedded systems, medical & pharmaceutical manufacturing, motion control, R&D, wireless, etc. Products lines are continuously added from sources across the globe, and are offered at highly competitive prices, accompanied by full in-house technical support, exceptional customer service, and fast delivery. For full details of available product lines, please visit www.saelig.com.