Flex™ Link Relay & Sensor Cable

CONNECT ALMOST ANY DEVICE TO A WIRED TCP/IP OR WIFI NETWORK IN MINUTES. SIMPLY.

The iTach Flex is the first multi-functional smart endpoint that connects almost any electronic device to a WiFi or TCP/IP network so that it can be controlled and automated.

Global Caché's iTach Flex is an industry first, a smart end-point that WiFi or network enables electrical devices instantly. Using our plug-and-play Flex Link Cables, the Flex adds intelligence to devices not ip-enabled by connecting them to the automation and control software of your choice. In addition, the Flex supports HTTP for web browser control from anywhere on the network.

iTach Flex

The iTach Flex provides powerful, inexpensive, and simple connectivity to almost any electrical device so it can be controlled and automated using an app on a smartphone, tablet, or any other user interface. Historically, automation and control products have been complex and expensive, used almost exclusively by the very wealthy. That changes with the easy availability of control apps on the iTunes Store and Android Marketplace, and the ability to connect almost any device in the home to a WiFi or wired network using the iTach Flex.
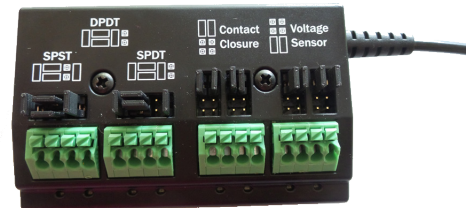
The extremely small footprint, slightly larger than a pack of gum, is ideally suited for transparent coupling and seamless integration to any device in homes or businesses. The Flex's unique hardware form, with a WiFi or network connection to a 3.5mm jack that supports almost any type of protocol translation cable, offers the ability to bridge products and systems in a way never available before.

Flex Link Cables

The Flex Link Relay & Sensor cable is an input/output cable for use with the iTach Flex. It provides relay outputs and sensor inputs which allow control and monitoring of a variety of devices. External devices are connected via push-release terminal blocks. The enclosure can be mounted directly on a DIN rail, allowing for simple integration with external relays.
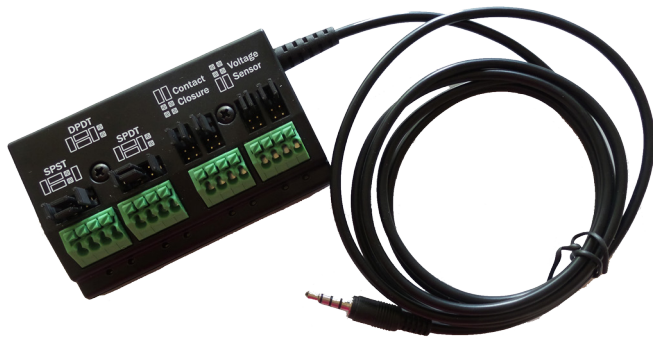
Other available Flex Link cables include:

- Serial
- IR Blaster
- IR Emitter
- 3 IR Emitter
- 2 Emitter 1 Blaster
- IR Tri-port

Technical Specs

Setup	Configurable using hardware jumpers and through iTach Flex integrated web server or software API
Relay Outputs	4 Integrated SPST relays with transient voltage suppression and easy push release terminal blocks 24V AC/DC or .5A N.O. contact relays Allows for isolated switching of low voltage wiring

Relay Configurations	Relay outputs are configurable into common relay types
	  -Single Pole Single Throw (SPST)
	  -Single Pole Double Throw (SPDT)
	  -Double Pole Double Throw (DPDT)

Sensor Inputs	4 configurable inputs Voltage or contact closure sense modes
Voltage Sense Mode	Sense AC/DC voltages ±3v (RMS) to ±24v (RMS)
Contact Closure Mode	Sense contact closure Use for input from devices or feedback from external relays
Cable/Connector	3.5mm four conductor jack to Flex Link Port on iTach Flex devices 4 easy push four terminal blocks for relay and sensor connections 4.5ft cable No power supply required
Mounting	Enclosure is DIN rail mountable Allows for simple installation in any location
Dimensions	3.24"w x 2"l x .9"h
Warranty	Two year limited warranty Support available via phone, email, and web portal

FLEX LINK RELAY & SENSOR CABLE FEATURES

• Flex with Flex Link Cables connect almost any electrical device to a WiFi or wired Ethernet network instantly

• Access, monitor, automate, and control standalone equipment

• Web-based control protocol using HTTP

• Control and monitor equipment using just one cable

• 4 relays and 4 sensor inputs

• Small footprint

• HTTP API and TCP API available

• LED indicators to show state of sensor inputs and relay outputs

• Supports DIN rail mounting for simple installation

• Simple push release terminals allow for quick setup

• Easily configurable for common relay types to allow full control of your devices

• Made in the USA and RoHS compliant

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