

Flex™ Link Serial Cables RS232 and RS485

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.

WIRED and PoE

DVD players, flat panel TVs, remote controls, stereo components, cable boxes



WIFI

Speakers, TVs, computers



FLEX LINK CABLES

Motorized window shades, pool and spa, lighting, garage doors, A/V equipment



Global Caché Flex is an industry first, a tiny device that connects previously unconnected hardware to a WiFi or TCP/IP network so it can be controlled and automated by the controller of your choice. Based on open systems and standards, the Flex allows for easy integration in any control environment, from high-end proprietary systems to apps on a smart phone or tablet. The Flex connects anything IR, serial, or relay (with sensor input) to a network, and supports HTTP for browser control from anywhere in the world.

iTach Flex

The Flex provides powerful, inexpensive, and simple connectivity to any device so it can be easily integrated with any control system, including proprietary systems as well as apps. Global Caché devices have been used for large-scale installations including hotels, stadiums, classrooms, and conference rooms across corporate campuses, to residential installations adding an automated gate, fountain, entertainment system, and so much more. The Flex scales from 1 simple add-on piece of hardware in a residence to 100's of displays in a casino or sports bar. Global Caché makes it easy to integrate our products in any environment, with many software and system providers including Global Caché drivers in their solutions, and by publicly publishing our product API's on the Global Caché web site.

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 3.5

mm 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 Serial cables allow serial devices to be controlled with the iTach Flex. With the Flex Link RS232 Serial cable and the Flex Link RS485 Serial cable both RS232 and RS485 serial devices can be simply connected to the network for seamless control.

Other available Flex Link cables include:

- Relay & Sensor
- IR Blaster
- IR Emitter
- 3 IR Emitter
- 2 Emitter 1 Blaster
- IR Tri-port



Technical Specs

FLEX LINK SERIAL CABLES - RS232 and RS485

Setup	Configurable using iTach Flex integrated web server or HTTP and TCP software APIs
Serial Outputs	Supports standard 8 data bit, one stop bit serial RS232: -Full support for Tx, Rx, CTS, RTS, DTR, and DTS signals RS485: -Four wire (full duplex) and Two wire (half duplex) capable
Serial Configurations	Flex Link Serial cables are configurable with the following settings: -Baud Rate: 300 baud to 115200 Kbaud -Parity: Even, Odd, or None -Stop bits: 1 or 2 RS232: -Flow Control: Enable hardware RTS/CTS flow control -Gender: Allows configuration of cable gender. Allows null-modem cable creation. RS485: -Duplex: full duplex or half duplex
Cable/Connector	3.5 mm four conductor jack to Flex Link Port on iTach Flex devices RS232: -Male DB9 connector with locking screws -Includes gender changer -6 ft cable RS485: -5 pin screw terminal block - Approx. 6 ft cable (2 meters) No power supply required
Dimensions	RS232: 2.2" x 1.28" x .6" RS485: 1.6" x 1.4" x .8"
Warranty	Two year limited warranty Support available via phone, email, and web portal



FLEX LINK SERIAL CABLE FEATURES

- Flex with Flex Link Cables connects 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
- Small footprint
- HTTP API and TCP API available
- RS232: Includes configurable gender setting and gender changer to make any DB9 cable type; swap pins in setup
- RS485: Full duplex and half duplex support
- 8 simultaneous serial TCP connections
- Made in the USA and RoHS compliant

WWW.GLOBALCACHE.COM

