iTach Family of Products
TCP/IP to IR, Serial, & Contact Closure with PoE Option

CONNECT ALMOST ANY DEVICE TO AN ETHERNET NETWORK IN MINUTES. SIMPLY.

Connect, monitor, automate, and control infrared, serial, and contact closure devices over a wired Ethernet network and the Internet. The iTach™ provides a new level of control flexibility, enabling device networking - simply. The product is based on open systems and industry standards for easy integration and compatibility. Simply connect.

**ITACH FAMILY**

The Global Caché™ iTach is a family of products designed to connect almost any electrical device to a network in a matter of minutes. Based on open systems and industry standards, the ultra-compact device fits almost anywhere (even the palm of your hand) and includes a choice of wireless WiFi or wired TCP/IP connectivity to infrared (IR), serial (RS232), and contact closure (relay) equipment.

The innovative design of the Global Caché™ iTach allows for easy and flexible integration into any networked control solution. The iTach is a simple wired or wireless conduit between you and your device over a network or the Internet. This is instant network-enabling at its best, delivering the power of choice at a cost-effective price.

**ITACH IP MODELS**

- iTach IP to IR: Model IP2IR
  - The iTach IP2IR provides wired TCP/IP connectivity to IR devices
- iTach IP to IR with PoE: Model IP2IR-P
  - Model IP2IR with Power over Ethernet enabled
- iTach IP to Serial: Model IP2SL
  - The iTach IP2SL provides wired TCP/IP connectivity to serial devices
- iTach IP to Serial with PoE: Model IP2SL-P
  - Model IP2SL with Power over Ethernet enabled
- iTach IP to Contact Closure: Model IP2CC
  - The iTach IP2CC provides wired TCP/IP connectivity to contact closure devices
- iTach IP to Contact Closure with PoE: Model IP2CC-P
  - Model IP2CC with Power over Ethernet enabled

**INFRARED**

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

**SERIAL**

- Speakers, TVs, computers, motorized window shades

**CONTACT CLOSURE**

- Motorized window shades, pool and spa, lighting, garage doors
## Technical Specs

<table>
<thead>
<tr>
<th><strong>ITACH IP2IR</strong></th>
<th><strong>ITACH IP2SL</strong></th>
<th><strong>ITACH IP2CC</strong></th>
<th><strong>ITACH IP2IR-P</strong></th>
<th><strong>ITACH IP2SL-P</strong></th>
<th><strong>ITACH IP2CC-P</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Power Input</strong></td>
<td>-5 to 16V DC@300mA (90 to 230V wall power adapter included)</td>
<td>International plugs available</td>
<td>-USB power cable draws power from USB port (included)</td>
<td>-Power over Ethernet (PoE) on -P models</td>
<td></td>
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<tr>
<td><strong>Setup</strong></td>
<td>Integrated web server for easy configuration</td>
<td>Configure through TCP/IP set up commands</td>
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<tr>
<td><strong>iHelp Setup Utility</strong></td>
<td>Downloadable iHelp software simplifies network discovery and setup</td>
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<tr>
<td><strong>IR Learning Utility</strong></td>
<td>Downloadable iLearn software allows for the capture and playback of IR commands for control uses</td>
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</tr>
<tr>
<td><strong>Network Connection</strong></td>
<td>RJ45 connector</td>
<td>100/10 Mbits Ethernet protocol</td>
<td>Adheres to TCP, DHCP and HTTP standards</td>
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<tr>
<td><strong>LED Indicators</strong></td>
<td>Power and all connectors to indicate activity</td>
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<tr>
<td><strong>IR and Sensor Interface (IP2IR Only)</strong></td>
<td>Connector: 3.5mm stereo jack</td>
<td>3 Independent selectable IR outputs or sensor inputs</td>
<td>3 IR emitters included</td>
<td>1 IR blaster included (supported on 3rd IR port)</td>
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<tr>
<td><strong>Serial/RS232 (IP2SL Only)</strong></td>
<td>Male DB9 Connector</td>
<td>1200 baud to 115.2 Kbaud data rates supported</td>
<td>Odd, Even, and None parity settings</td>
<td>Bi-directional with hardware RTS/CTS flow control</td>
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</tr>
<tr>
<td><strong>Contact Closure/Relay (IP2CC Only)</strong></td>
<td>3 Integrated contact closure relays w/ transient voltage suppression</td>
<td>Pluggable screw terminal 24V AC/DC@.5A N.O. contact</td>
<td>Allows for isolated switching of low voltage wiring</td>
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<tr>
<td><strong>Device Packaging</strong></td>
<td>Aluminum extrusion case, rubber end caps and plastic face plates</td>
<td>Dimensions (LxWxH): 3.25” x 2.25” x 1.25”</td>
<td>Weight: 3.25 oz. (6 oz. with power supply)</td>
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<tr>
<td><strong>Certifications</strong></td>
<td>FCC (Part 15, Class B), C-tick, CE</td>
<td>RoHS compliant</td>
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<tr>
<td><strong>Shipping Box Dimensions</strong></td>
<td>(LxWxH) 9.0” x 3.5” x 2.0”</td>
<td>Weight: 1 lb.</td>
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<tr>
<td><strong>Warranty</strong></td>
<td>Two year limited warranty</td>
<td>Support available via phone, email, and comprehensive support portal</td>
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</table>

Global Caché’s iTach products integrate easily with iPhone/iPad/iPod and Android apps. The iTach’s Ethernet w/PoE connectivity, support of 8 simultaneous connections, small form factor, and many other features are the reason why so many iPhone/iPod/iPad and Android developers have chosen to integrate with our hardware.

### ITACH FEATURES
- Connects almost any electrical device to an Ethernet/wired network instantly
- Access, monitor, automate, and control standalone equipment
- IR blasters and IR emitters included
- Supports eight simultaneous connections
- Ultra compact design, stylish enclosure can fit almost anywhere
- On board web server for easy setup, HTTP, DHCP
- Built in IR learning in every unit
- Flash upgradeable for firmware enhancements in the field
- Made in the USA and RoHS compliant

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