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.

Instantly IP-enable any device. Control IR, Serial, and Contact Closure over a network, 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

**ITACH IP2IR - ITACH IP2SL - ITACH IP2CC - ITACH IP2IR-P - ITACH IP2SL-P - ITACH IP2CC-P**

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

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**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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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.

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