iTach Family of Products
WiFi to IR, Serial, & Contact Closure

CONNECT ALMOST ANY DEVICE TO A WIFI NETWORK IN MINUTES. SIMPLY.

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



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



Wirelessly connect, monitor, automate, and control infrared, serial, and contact closure devices over a network and the Internet. The iTach™ provides a new level of control flexibility, enabling device networking without wiring. 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 WIFI MODELS

iTach WiFi to IR: Model WF2IR
The iTach WF2IR provides WiFi connectivity to IR devices

iTach WiFi to Serial: Model WF2SL
The iTach WF2SL provides WiFi connectivity to serial devices

iTach WiFi to Contact Closure: Model WF2CC
The iTach WF2CC provides WiFi connectivity to contact closure devices



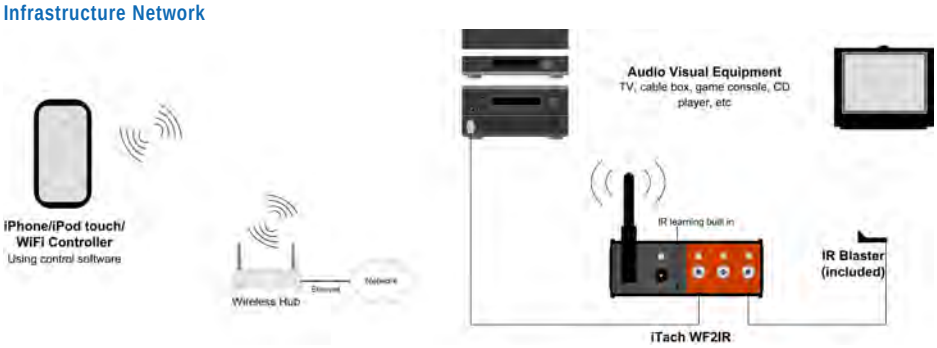
Technical Specs



ITACH WF2IR - ITACH WF2SL - ITACH WF2CC

Power Input	5 to 16V DC@300mA (90 to 230V wall power adapter included) International plugs available USB power cable draws power from USB port (included)
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	Industry standard 802.11b wireless interface, 2.5" antenna Supports wireless LAN, adhoc (for setup) and infrastructure modes Compatible to 802.11b/g
LED Indicators	Power and all connectors to indicate activity
IR and Sensor Interface (WF2IR 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 (WF2SL 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 (WF2CC 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

Infrastructure Network



Global Caché's iTach products integrate easily with iPhone/iPad/iPod and Android apps. The iTach's built-in WiFi 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 a wireless 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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