

WWW.ITRON.NZ



iTronHABOI

PRODUCT SPECIFICATIONS

iTronHABOI

IP Home automation bridge (Optional PoE Model) IP to 3xIR, IP to SERIAL, IP to 8xRELAY's all in One

Looking for global distribution partners & OEM Welcome!

IP Home automation bridge. Seamlessly Connect, and control infrared devices, control relays & RS232 devices over a network and the Internet. The device connects via Ethernet (PoE Optional) or WIFI and provides a high level of automation and control flexibility, enabling device in homes or office to be controlled. This includes TV's, Set Top Boxes, Projectors, AV Systems, Lighting, Curtains & Blinds. The product is based on open systems and standards for easy integration and compatibility via PC/MAC based control software, iOS or Android, Windows Apps, and high-end control systems such as DemoPad or IRIDIUM MOBILE, with 8 Onboard Relays, 3 IR Ports, RS232 & IR Learner. This gives you plenty of options to be creative with your Home & Office Automation. We have developed this hardware with a free API we can OEM/ODM under your brand, giving the edge to the Automation Software Developers & hobbyist to get creative. Optional PoE (24W required).

Online documentation is available at <https://docs.itron.nz>



iTronHAB Specifications

Physical Details

Height	46mm
Width	180mm
Depth	134mm

Front Panel

Power indicator	Red LED indicates board is powered
Wifi Status	Orange LED indicates Wifi Status
IR OUT [1-3]	3.5mm output for IR transmitter
Relay LED [1-8]	Red LED indicates status of each relay
IR Learn	IR Inputs for learning IR Codes
Factory	Factory button
Reset	Reset button
Serial	DB9 Male serial RS232 connector

Power

Optional POE	Min 24W POE required
Mains	6V - 18V DC 2A

Rear Panel

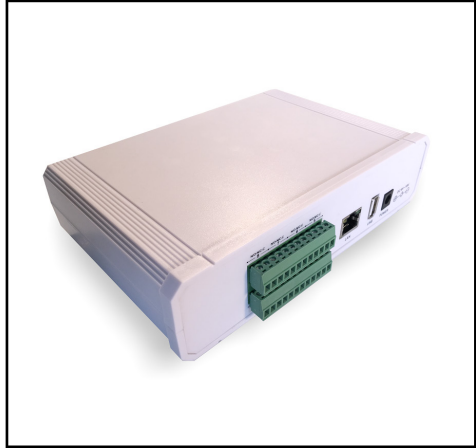
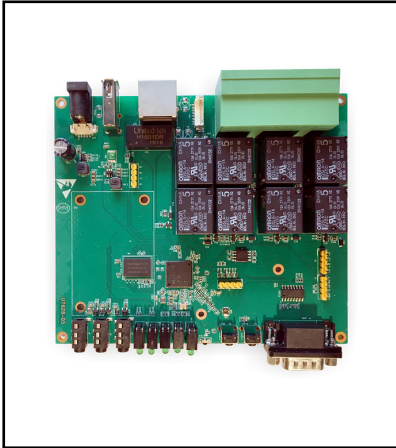
Power	5mm Barrel Jack, 2. 1mm center opin
USB	USB-A Connector

Connectivity

Ethernet	1 RJ45 (optional POE)
Wifi	802.11 a/b/n
USB	Used for brick mode firmware recovery

Box Contents

- 1 x Power Supply (240VAC — 12VDC)
- 3 x 2.5 mm IR cable (1m long)
- 1 x iTron HABO1 unit



iTronHAB01 Firmware

<https://itron.nz/wp-content/uploads/2023/09/itronhab01.img>