



Internet Gateway User Manual



Introduction:

Thank you for purchasing an **igh** control device.

The **igh** system is designed to automate home control and provide easy remote operation of all your electrical appliances/lights connected to system. **igh** products include a variety of devices to control your home. The products can be installed in one room, expand to additional rooms or to the entire house according to your needs and budgets.

Green Point products are constructed with careful attention to detail, using only high quality materials, assuring peak performance over time.

Warning!!!

Controlling Appliances:

igh systems can control electrical appliances either remotely or automatically, allowing electrical appliances or light to be activated without the operator presence's in the room. Extreme caution must be taken to avoid hazard conditions.

Important

Read before installing

1. Install in accordance with all national and local electrical codes and local regulations of your country.
2. The products of the **igh** system range are designed to be used and installed in domestic and similar environments where there is no need for special protections against the ingress of water.
3. The installer must hand the user manual over to the user and should stress that the user become fully familiar with it.
4. In case of a breakdown or malfunction, please contact an authorized technician or the **igh** products support center.
5. There are no serviceable parts in this unit.
6. Do not paint on the **igh** Internet Gateway.
7. Operate between temperatures of -10 °C to 50 °C.
8. Clean the **igh** Internet Gateway only with a soft dry cloth. Do not use any chemical cleaners.

General Product Description

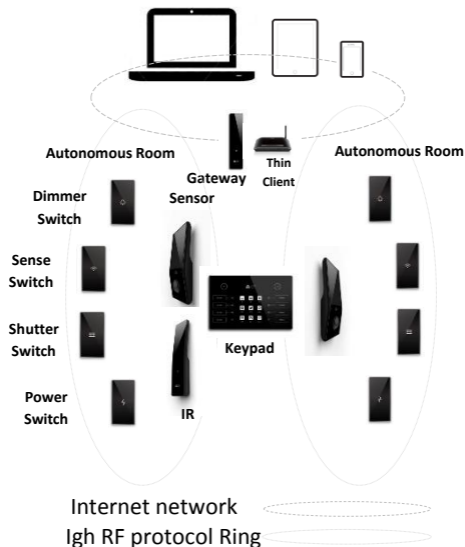
System overview

igh is a home automation and power management system, enabling unified and automated control over electrical appliances connected to the system.

The system is composed of 5 main components:

- **igh** Smart Switch
- **igh** Sensor
- **igh** Keypad
- **igh** IR Bridge
- **igh** Internet Gateway

System Connectivity



Functions

Key features:

Connects all the **igh** units to the internet.

LED Indicators

(Icons appears only when LED is on)



Blue – Connected



Green – Receive



Red – Transmit



Green
Point

Mounting

Select a mounting location for the **igh** Internet Gateway. When choosing an appropriate location, the following should be considered:

- RF range; the **igh** Internet Gateway should be located in a central location of the home to ensure the best network connection to all the units.
- Avoid placing the **igh** Internet Gateway close to concrete walls or large metallic objects.
- Avoiding placing the **igh** Internet Gateway near heat or cold-producing devices.

Use the installing mold included to mount the **igh** Internet Gateway. Select a location to install the **igh** Internet Gateway, and with the installing mold in place, mark the drill holes with a pencil. Drill holes in the marked areas. Use a hammer to tap the dowels into the holes. Place the base over the dowels, insert the screws and tighten them to attach the **igh** Internet Gateway.

Activation

Activating the **igh** Internet Gateway.

1. Connect the **igh** Internet Gateway via USB cable to the Thin Client.
2. The blue LED will illuminate, signaling that the **igh** Internet Gateway is ready for operation.

Optional accessories

External Antenna

For increasing network coverage of the **igh** Internet Gateway, you can connect an external antenna to the antenna connector.

SPECIFICATIONS

Network Coverage: Up to 10m radius

Unit Dimensions: 14.5 x 3.6 x 1.7 (cm)

Power Supply: 5V connect to Thin Client

Signal (Frequency): ISM BAND (433.050 -
434.790 MHz)

WARRANTY

Green Point Products warrants this product to be free from manufacturing defects for a period of one year from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product.

Regulatory Compliance

The IGHC – **igh** Internet Gateway unit has been tested and found to comply with specifications for CE marking and standards per EMC and radio communications and safety Compliance.

SAFTEY

EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011. Information technology equipment - Safety - Part 1: General requirements.

EMC

ETSI EN301489-1 and EN301489-3
Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electro-Magnetic Compatibility (EMC) standard for radio Equipment and services: Part 1: Common Technical requirements.

RADIO

ETSI EN 300 220 V2.4.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1,000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods.



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