

Internet Gateway.

The central communication point for the SafeHous leak-detection ecosystem. Connects every sensor and automated shut-off valve into a single, unified LoRa network – then relays real-time alerts, device status, and remote commands to the SafeHous App from anywhere in the world.

MODEL	IGW-10000
ROLE	LoRa-to-Internet bridge
FREQUENCY	923.3 MHz
POWER	USB Micro-C, 120 V supply

– KEY FEATURES

§ 1.1

 Long-Range LoRa 923.3 MHz wireless reaches ¼ mile open-air to every paired device.	 300+ Devices Pairs with the full SafeHous fleet on a single unified network.	 Fully Encrypted End-to-end secure link between every device, the hub, and the cloud.	 Plug-In Power USB Micro-C; 120 V wall adapter included – no battery to swap.	 Cloud-Connected Real-time alerts and remote control via the SafeHous App, anywhere.
---	--	--	--	---

923 MHz LORA FREQUENCY	¼ MI OPEN-AIR RANGE	300 + DEVICES SUPPORTED	120 V AC PLUG-IN POWER
--	---	---	--

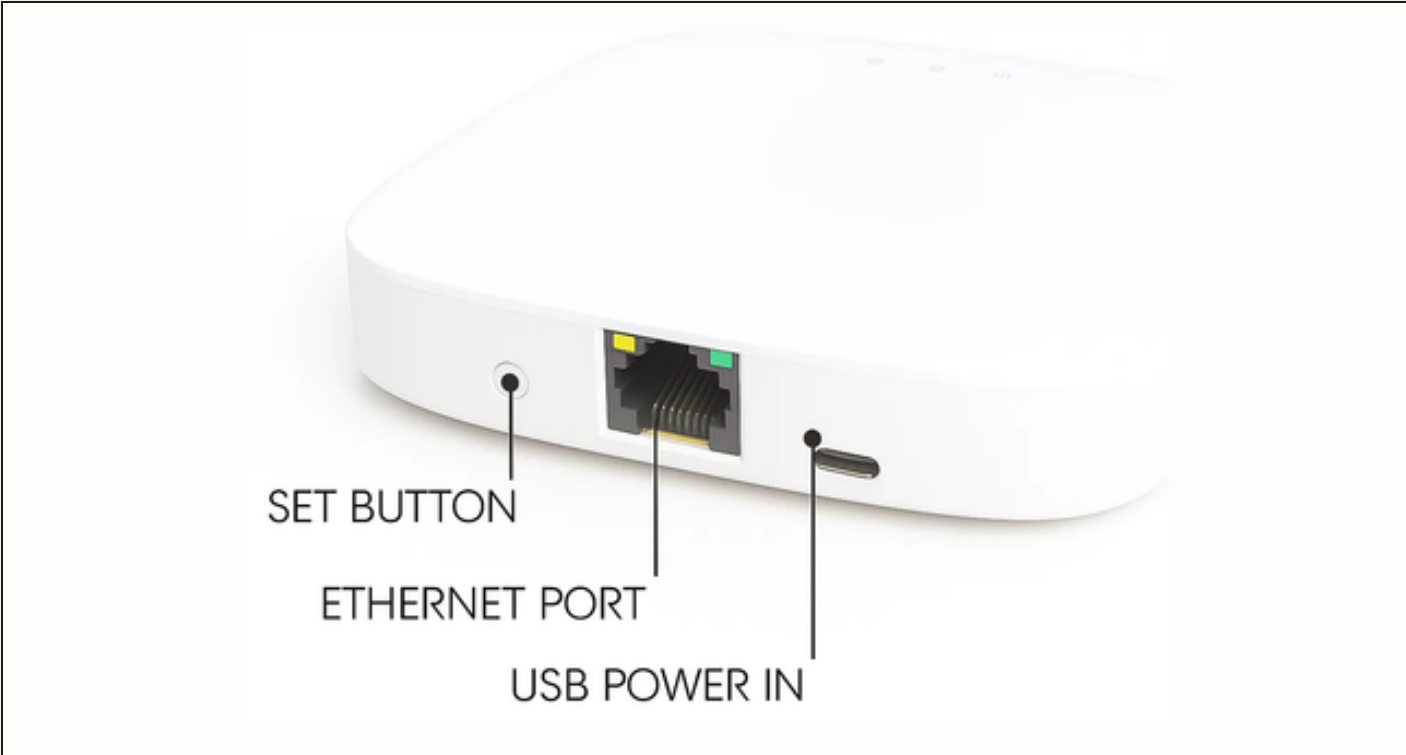


FIG. 01 • IGW-10000 – REAR PORTS: SET BUTTON, ETHERNET RJ45, USB POWER IN

USB MICRO-C • RJ45

Full Specifications.

Mechanical, electrical, and environmental parameters. All values reference SafeHous internal testing under nominal operating conditions.

MECHANICAL & ELECTRICAL

§ 2.1

FREQUENCY

923.3 MHz

Sub-GHz LoRa

DEVICE CAPACITY

300+ devices

Sensors, valves, controllers

POWER INPUT

USB Micro-C

5 V DC

NETWORK

Ethernet RJ45

Wired uplink to internet

OPEN-AIR RANGE

≈ ¼ mile

Line of sight, per device

SECURITY

Fully encrypted

End-to-end link

POWER SUPPLY

120 V plug-in

Adapter included

USE ENVIRONMENT

Indoor desktop / wall

Status LEDs on top

Connectivity

§ 2.3

- LoRa wireless radio923.3 MHz
- Encrypted linkEND-TO-END
- Ethernet uplinkRJ45
- SafeHous CloudREAL-TIME
- SafeHous AppIOS • ANDROID
- Device capacity300+

Ports & Controls

§ 2.4

- SET

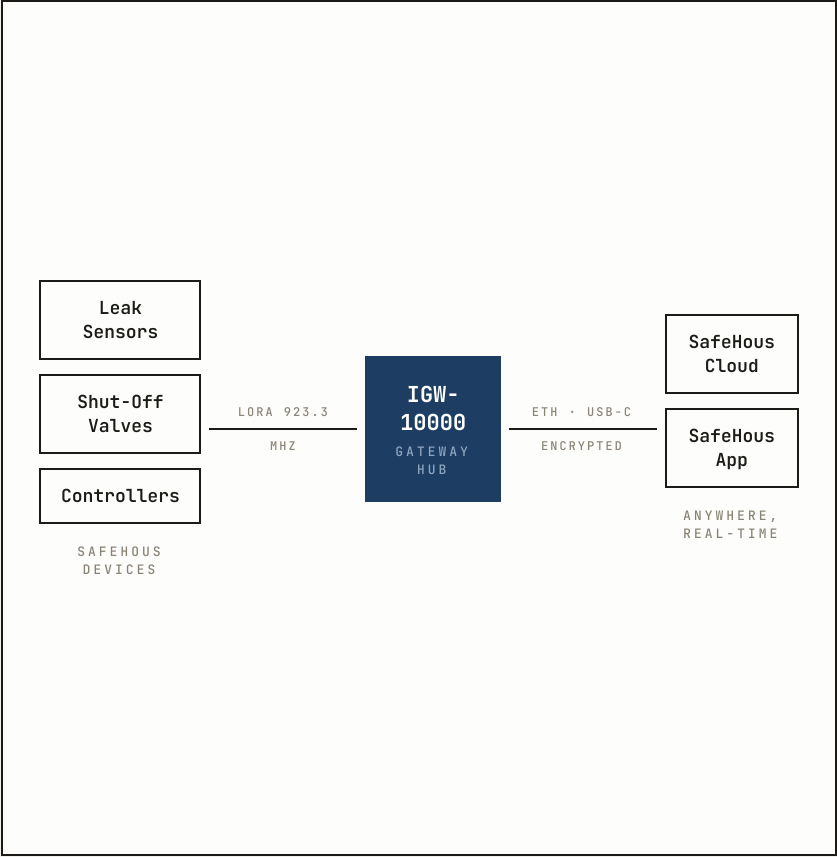
BUTTON
- RJ45

ETHERNET
- USB-C

POWER
- Power-on / link LEDSTATUS
 - Pairing LEDACTIVITY
 - Cloud / sync LEDUPLINK

SYSTEM TOPOLOGY

§ 2.2



Top View

§ 2.5



WHAT'S INCLUDED

§ 2.6

01

Internet Gateway Hub

IGW-10000 main unit

02

120 V Power Supply

USB Micro-C plug-in adapter

03

Quick Start Guide

Printed user manual