Firefly

# Network Gateway LG41-X

Data Sheet




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## Overview

Keep every Panic Button and Beacon connected, no matter what. Built for uninterrupted operation with multi-path wireless, PoE plug-and-play, and 12-hour battery backup. Pairs with our Panic Button and Beacon to securely collect and route every signal onsite. Integrates with our Ember software for centralized monitoring and management.

## Core Features

### Robust Connectivity

Primary PoE, LTE backup, and Halo mesh ensure uninterrupted communication.

### Range Extension

Extend connectivity to remote locations using external SMA antennas.

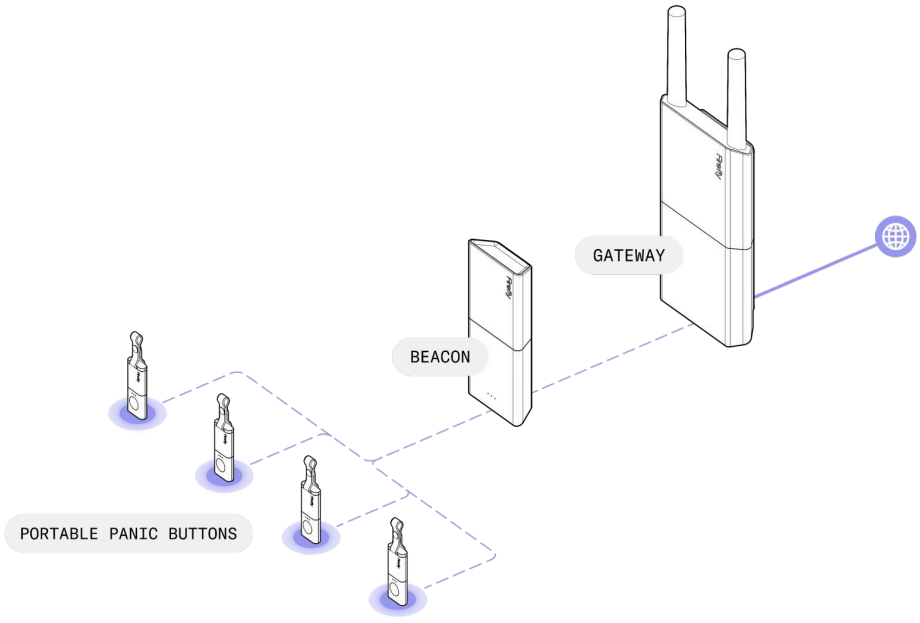
### 12-Hour Backup Battery

Keeps critical communications running during power loss.

### Ethernet Bridge

Ethernet passthrough for downstream device sharing.

## Connectivity



## Power and Network

PRIMARY POWER
PoE · DC-in

BACKUP POWER
Li-ion battery pack,
12-hour backup

MAX POWER CONSUMPTION
15.4W

POWER INPUT
IEEE802.3af/at compliant (PoE)
12-24VDC (Barrel Jack)

NETWORKING INTERFACE
1 Gb Ethernet (PoE enabled)
LTE Cat 4 (Nano SIM)
WiFi (2.4GHz, 5GHz)

CONNECTIVITY TECHNOLOGY
915MHz
BLE
IEEE 802.15.4

MAX RANGE
≥ 2000ft (600m) open field line of sight range relative to the Network gateway (915MHz), 30m (BLE)

## Functionality

DISPLAY / STATUS INDICATOR
LED

## Hardware

ENCLOSURE MATERIAL
Polycarbonate-ABS blend, Silicone Rubber

MOUNTING
Wall & Pole Mount · Screw-Fixed

MOUNT MATERIAL
Anodized aluminum

ANTENNA CONNECTOR
External SMA, Qty: 2

## Environment

AMBIENT OPERATING TEMPERATURE
-40 to 50°C
Backup battery: -15 to 50°C

AMBIENT OPERATING HUMIDITY
Up to 95% RH

WEATHER PROOFING
Water and dust resistant

RECOMMENDED STORAGE CONDITIONS
10 to 25°C (50 to 77°F),
dry, low humidity

## General

DIMENSIONS
248 x 146 x 35mm
(9.76 x 5.75 x 1.38")
Without Antennas

WEIGHT
907 g
(32.0 oz)

WORKS WITH
Ember software; Panic Button, AI Beacon

CERTIFICATIONS
FCC