

# Wireless Power Transfer

## WLP-100

### Advanced Inductive Coupling Technology



The WLP-100 adopts inductive coupling through an advanced infrared technology to transfer power wirelessly across the door gap to power electrified locks. Installation is made simple and less time consuming.

### Standard Features

- No need to core drill the door, no worries about broken wires
- Door status output
- Transfers lock status monitoring
- Field selectable 12/24 VDC output
- Use with fail-secure electrified locks/latches (Provides up to 30 seconds of sustained power for intermittent duty)
- Flexible mounting position
- Infrared signal light
- For wood and metal doors (extension mounting tabs included for metal door installation)

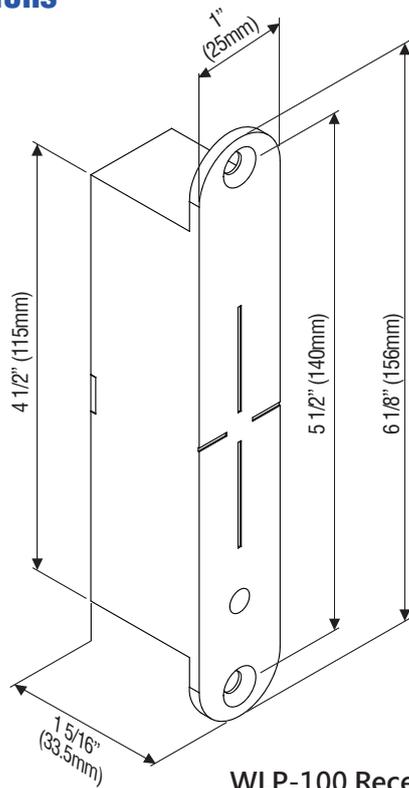
### Patents, Approvals, and Listings

- Taiwan Patent: M610146

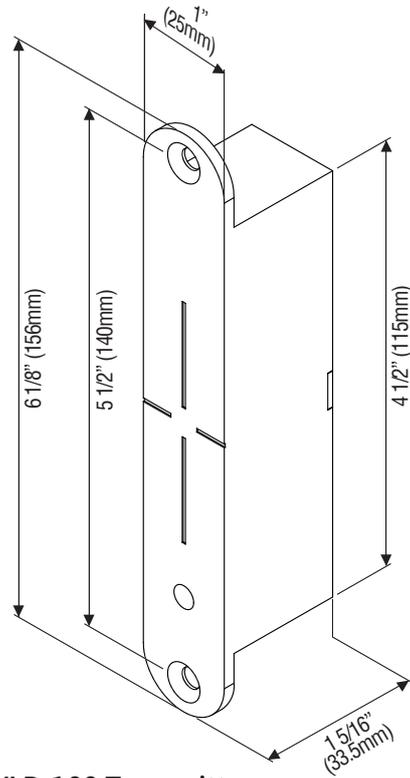
### Specifications

- Input Power (Frame Side)  
1A/27.6VDC
- Output Power (Door Side)  
12VDC@800mA , 24VDC@400mA  
(Field selectable)
- Current Draw  
1A/27.6VDC  
\*Requires 1.5 A power when energized
- Maximum Door Gap  
3/16" (4~5mm)
- Maximum Tolerance with 3/16" (4~5mm) Door Gap
  - Horizontal : 1/16" (1mm), 1 mm for IR sensing
  - Vertical : 1/16" (1mm), 1 mm for IR sensing

## Dimensions



WLP-100 Receiver



WLP-100 Transmitter

Unit: mm

## Installation Diagram



### Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original client. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.