

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

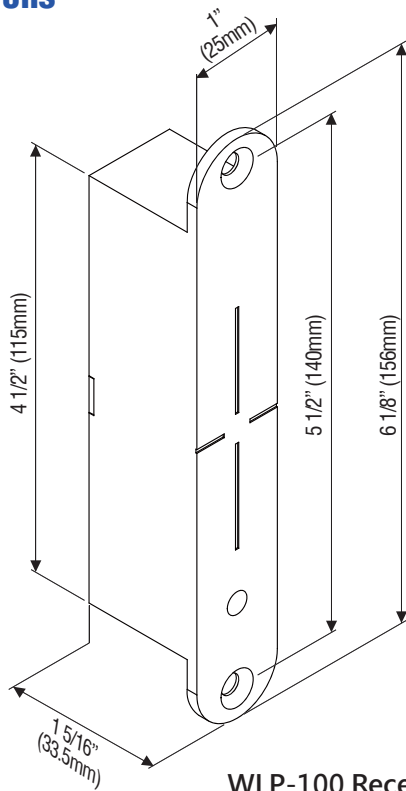
- No need to core drill the door, no worries about broken wires
- Door status output
- Transfers lock status monitoring
- Field selectable 12/24 VDC output
- Use with fail-secure electrified locks/latches (Provides up to 30 seconds of sustained power for intermittent duty)
- Flexible mounting position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

Specifications

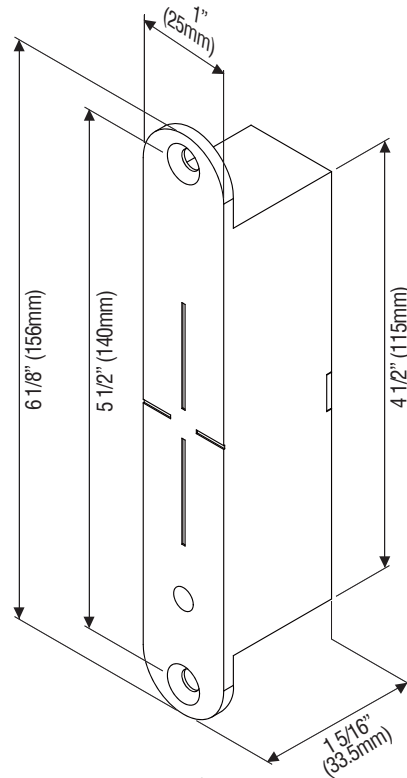
- Input Power (Frame Side)
1A/27.6VDC
- Output Power (Door Side)
12VDC@800mA · 24VDC@400mA
(Field selectable)
- Maximum Door Gap
3/16" (4~5mm)
- Maximum Tolerance with 3/16" (4~5mm) Door Gap
 - Horizontal : 1/16" (1mm), 1 mm for IR sensing
 - Vertical : 1/16" (1mm), 1 mm for IR sensing

Dimensions

Unit: mm



WLP-100 Receiver



WLP-100 Transmitter

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.