

# GEM<sup>®</sup>

## AD500

The Most Convenient, Reliable, and Versatile  
Automatic Door Operator



### Features

- Operates from 100 to 240 VAC
- Non-handed
- Pull or push side mounting
- Obstruction detection
- Backup battery input for emergency power supply
- Operates with infrared safety sensors, wall push buttons, and card readers
- Adjustment of hold-up time, opening/closing speed, and opening angle
- Easy integration with electric locking devices and access control systems



# AD500 Automatic Door Operator

## Single Door Application



### 1 Automatic Door Operator



**AD500**  
Operates from 100 to 240 VAC

### 2 Infrared Safety Sensor



**SSS-5S1**  
Six spot, 800-1000 mm wide, infrared safety curtain with 1 PCB unit

### 3 Electromagnetic Lock



**EM-NH300M**  
Slide-in mounting plate design

### 4 Electric Dropbolt



**EB200NLW-32**  
Door position sensor and adjustable sensor magnet included

### 5 Microwave Motion Sensor



**3H-KB02**  
Large detection area, easy to install

### 6 Standalone Proximity Readers



**DG-900**  
Mifare & FeliCa compatible, 1000+10 Prox cards/tokens

### 7 Wireless Exit Device



**S-TM-WPB-10**  
433 KHz  
Remote Transmitter



**S-RC-WPB-025JS**  
RF Hopping Code  
Controller

### 8 Request-to-Exit Button



**PBT-925BLED**  
Illuminated Push  
Plate Exit Button



**LHS-250**  
Elbow Exit Button