

# 6400 UNDERGROUND VEHICULAR SWING GATE OPERATOR



**easy access**  
with removable cover



**control boxes**  
deluxe and standard electronic control board microprocessor based with advanced features



deluxe  
standard  
control boxes



**built in**  
reset and test buttons

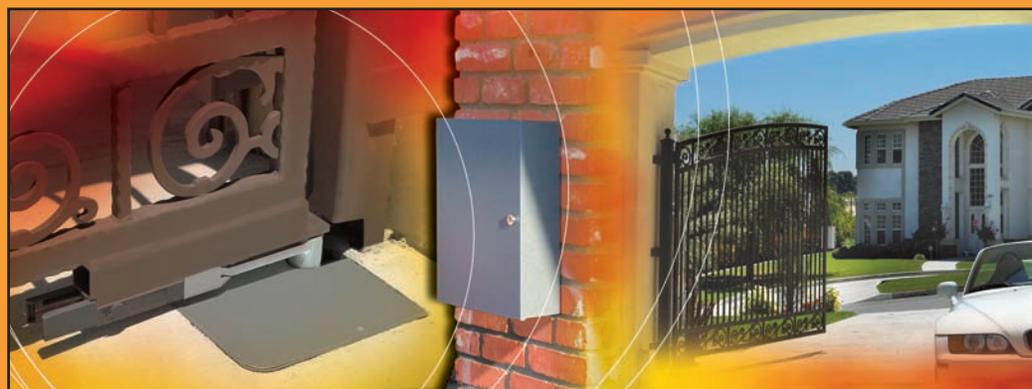


**keyed**  
manual release

- The 6400 installs underground making it virtually unseen and is designed for residential gates up to 10-feet long
- The motor/drive mechanism is fully enclosed in die-cast aluminum with a corrosion proof treatment
- 115 VAC input power. Operates on 24 VDC power with built-in battery backup
- Built-in limit switches precisely control the start/stop speed and travel of the gate
- Plug-in loop detectors simplify wiring and make installation easy
- Bi-parting gate system controlled from single board

FEATURES

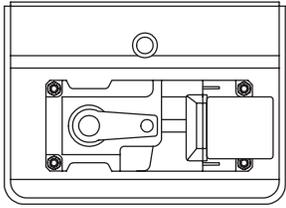
## ACCESS CONTROL SOLUTIONS





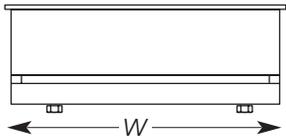
# 6400 UNDERGROUND SWING GATE OPERATOR

The Model 6400 installs underground making it virtually invisible and satisfies the most sophisticated automation needs without being detrimental to the original gate design. Invisible and powerful, the motor/drive mechanism is constructed in die-cast aluminum with a special corrosion-proof treatment, and because the drive unit is gear driven, there is no need to worry about hydraulic leaks, check valves or pumps. The underground self-supporting foundation box is built from corrosion-proof steel and has a galvanized steel cover. A lockable manual release lever is designed so that it can be operated from inside or outside the gate.

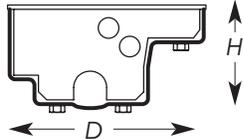


D

**6400 Underground**  
 17.2" W x 6.4" H x 12.4" D  
 (436.8mm W x 162.5mm H x 315mm D)



W

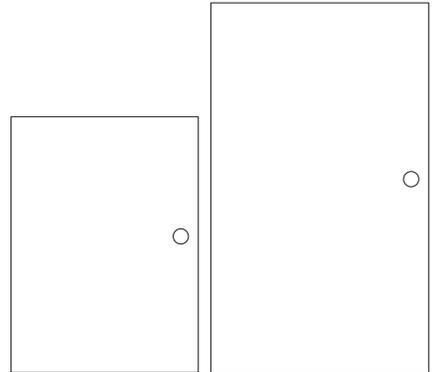


D

H

**Standard Control Box**  
 12.25" W x 16.75" H x 4" D  
 (311mm W x 425mm H x 101mm D)

**Deluxe Control Box**  
 14.25" W x 24.25" H x 4" D  
 (362mm W x 616mm H x 101mm D)



## 6400 Operator Specs

Class of operation	Max Gate Length *	Max Gate Weight *	HP	Control Panel	Power Actuator	Back-up
I	10 Ft 3.05 m	300 Lbs. 136 kg	1/2hp 10 cycles/hr limited duty	115 VAC, 60 Hz	24 VDC from the control panel	batteries provided

\*Assumes gate and hardware to be in good condition and swinging in a level plane

### Control Boxes

The microprocessor based electronic control board provides many advanced features typically not found in an operator in this class. Two control boxes are available to meet specific needs. The standard control box is typically used for applications not requiring power for additional

control devices, such as telephone entry systems or access control products. The deluxe control box provides three 115 VAC convenience outlets to power auxiliary power transformers. Both control boxes include batteries to power the actuator during power outages.

## General Specs

### Mechanical

- Primary Reduction: gear drive unit
- Speed: Approximately 90° in 15 seconds  
110° maximum gate opening
- Motor/drive: die-cast aluminum with a special corrosion-proof treatment
- Cover: galvanized steel
- Foundation box: corrosion proof steel

### Manual Release

- Keyed release provided
- Fail-secure mechanical

### Note

Secondary entrapment prevention devices are required with this gate operator

### Advanced Features

- Fully enclosed drive mechanism
- Adjustable built in limit switches precisely control the start / stop speed, and travel of gate for smooth operation
- 115 VAC input power
- 24 VDC operating power
- Batteries included
- Built-in battery charger
- Ports for Exit and Reverse plug-in loop detectors
- 90° in approximately 15 seconds
- 110° maximum gate opening
- Gate overlap feature for dual gate operation
- Magnetic lock power circuit
- Built-in reset and test buttons
- Maximum run timer
- Built-in high current warning

### Safety Standards

- Complies with the UL 325 and UL 991 safety standards
- ETL listed

### Operating Temp

- 32°F to 145°F
- 0°C to 62°C

### Shipping Weight

- Approximately 80 lbs (36.2 kg)

### Warranty

- 2-year limited factory warranty

Distributed by:

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