



# 1601 PARKING CONTROL BARRIER GATE OPERATOR

• COMMERCIAL • INDUSTRIAL



- Designed for single lane (14 feet maximum) vehicular control in high traffic applications
- Electronic limit settings
- Operators are designed so that they can be mounted on either the left or right hand side of the roadway
- Available with a 14 foot aluminum or wood arm, or 12 foot plastic arm. A folding arm kit can be added for low headroom applications
- 5-year limited warranty



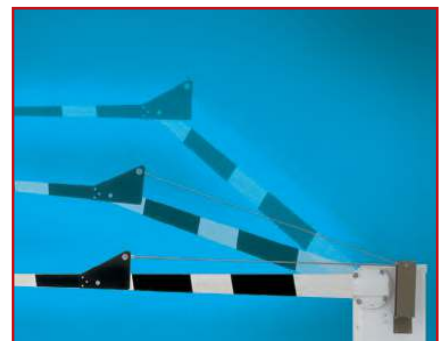
**automatic p.a.m.s.**  
sequencing with slide and swing gates



**barrier arms**  
available in aluminum/wood or plastic  
with optional foam padding



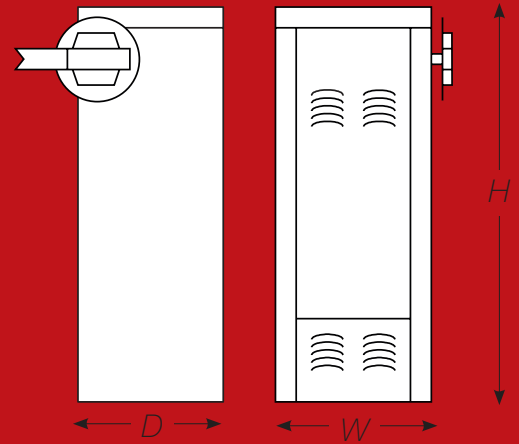
**fan/heater kits**  
options available for extreme weather



**folding arm**  
kits available for low headroom applications

ACCESS CONTROL **SOLUTIONS**

# 1601 PARKING CONTROL BARRIER GATE OPERATOR



## 1601 1/2 HP

15.25" W x 39.5" H x 14.75" D (38.7cm W x 100.3cm H x 37.5cm D)

	CLASS OF OPERATION	MAX ARM LENGTH *	TYPE	MOTOR	INPUT	OPTIONS
<b>1601</b>	II, III, IV	12 Ft (3.6 m) 14 Ft (4.3 m) 14 Ft (4.3 m)	Plastic Wood Aluminum	1/2HP Continuous Duty AC Motor	115 VAC, 60 HZ, 5.4A 230 VAC, 60 HZ, 2.7A* 460 VAC, 60 HZ, 1.4A*	Convenience Open Package † Heater and Fan Kits Folding Arm Kits

\* These operators use a step-down transformer to achieve 115 VAC operating voltage.

† Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails.

## Technical Features

### Mechanical

Primary Reduction is provided by a 40:1 worm gear reduction system running in a continuous oil bath

Arm rotates 90° in approximately 1.5 seconds

G90 galvanized steel housing, painted white

Fail-secure mechanical release method

Left- or right-hand mount

360° gear box rotation before the motor changes direction. This provides for smooth operation, evens wear across the entire gear-box, and increases the life span of the operator

### Electrical

Magnetic electronic limit controls

Auto-close timer 1-23 seconds

P.A.M.S. (Perimeter Access Management System) sequence with a slide or swing gate operator

Up input memory buffer

Down memory option

Multiple up commands

Port for plug-in open (up) detector

Port for plug-in reverse (down) detector

Ports for plug-in loop detectors

Programming switches

Built-in power On/Off switch

Gate Tracker™ reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

### Miscellaneous

Environmental: 10°F to 140°F (-12°C to 62°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 140-160 Lbs (63-72 kg)  
Arm kit: 15 Lbs (7 kg)



Access Control Solutions since 1948

Distributed by:

MEMBER:



**DOORKING® INC.**

120 Glasgow Avenue, Inglewood, California 90301 U.S.A.  
Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com

© 2012 All Rights Reserved. Product specifications may change without notice.  
Rev.11/12