



1601 PARKING CONTROL BARRIER GATE OPERATOR

• COMMERCIAL • INDUSTRIAL



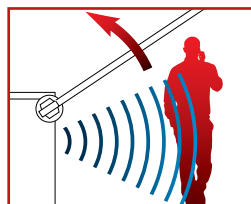
- Designed for single lane (14 feet maximum) vehicular control in high traffic applications
- Electronic limit settings
- Operators are designed so that they can be mounted on either the left or right hand side of the roadway
- Available with a 14 foot aluminum or 12 foot plastic arm. A folding arm kit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



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



foam padding
available for added protection

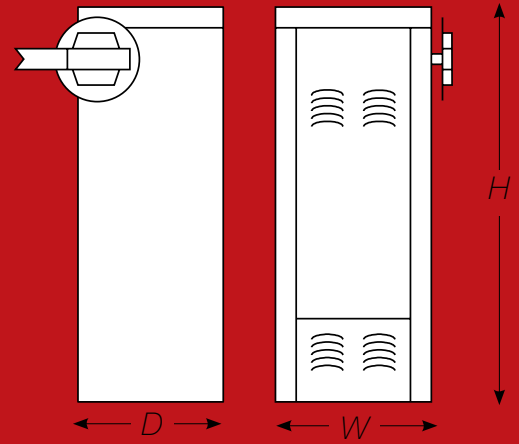


DKS Loop Logic
it's aware -- even when they're not



wishbone style aluminum
arms up to 27 feet in length

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
1601	II, III, IV	12 Ft (3.6 m) 14 Ft (4.3 m)	Plastic 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

Loop Logic vehicular / pedestrial safety system: The system reverses barrier arm if person is detected, and lowers barrier arm if unauthorized vehicle enters. Additional protection to help prevent inadvertent accidents (optional)

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

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DOOR KING, INC.

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

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