



total access control

1601 BARRIER GATE  
OPERATOR

# PARKING CONTROL SYSTEM

Upswung.com



## features

- Designed for single lane (14 feet maximum) vehicular control in high traffic applications
- Suitable for commercial, industrial, gated communities and apartment applications
- Electronic limit settings
- Rotates the arm 90° in approximately 1.5 seconds
- 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 wood arm or 12 foot plastic arm. A folding arm kit can be added for low headroom applications.



**total access control**

**THE MODEL 1601** Barrier Gate Operators are designed for high usage single lane (14 feet maximum) vehicular traffic control. Typical applications include commercial, industrial, gated communities and apartment complexes. A quick 1.5 second rotation opening time along with rugged construction and multiple optional features make this 1601 a versatile answer to many parking control problems.

## TECH SPECS

**class of operation**  
Class II, III, IV

### electrical requirements

1/2 HP  
115 VAC, 60 Hz, 5.4A  
230 VAC, 60 Hz, 2.7A  
460 VAC, 60 Hz, 1.4A

optional "Convenience Open" DC system available

### housing

G90 galvanized steel painted white  
optional stainless steel housing available

### mechanical

Primary Reduction: 40:1  
worm gear running in a continuous oil bath  
Speed: 90° approx 1.5 sec

### release method

fail-secure mechanical

### operating temp

10°F to 140°F  
-12°C to 62°C  
Optional heater and fan kits available

### arm/gate limitations

Max arm length:  
Wood: 14 feet (4.3m)  
Plastic: 12 feet (3.6m)  
Folding arm kits available for low headroom requirements

### loop detectors

Port for plug-in open (up) detector  
Port for plug-in reverse (down) detector

### advanced features

Electronic limits  
Auto-close timer 1-23 seconds  
Gate Tracker™  
Auto-sequencing  
Left / right mount

### safety listing

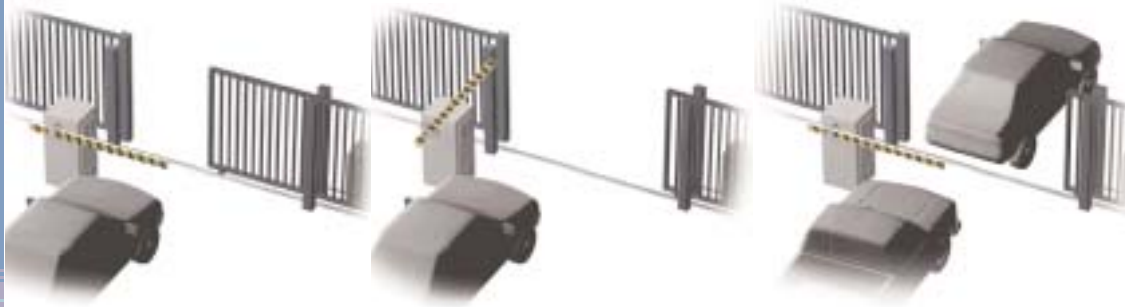
Complies with UL 325 and UL 991 safety standards  
ETL Listed

### dimensions

Height: 38 inches (950mm)  
Width: 15 inches (375mm)  
Depth: 15 inches (375mm)

Shipping Weight:  
Approximately 140-160 lbs (63-72kg)  
Arm kit: 15 lbs (7kg)

Warranty: 2 year limited factory warranty



### automatic sequencing

Our unique sequencing inputs automatically sequence the barrier gate with a slide or swing gate operator. This feature is typically used for better traffic control in high security applications, gated communities and apartment complexes



**heater/fan kits**  
for extreme weather conditions



**circuit board**  
advanced microprocessor controlled circuit board



**folding arm kits**  
for low headroom applications



**gate tracker™**  
Output reports gate operator data to a companion DKS access control system



**plug-in loop detectors**  
simplify installation and wiring



**magnetic limits**  
maintenance free electronic magnetic limits



**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

