**1602 PARKING CONTROL BARRIER GATE OPERATOR**

- Designed to control wide traffic lanes (27 feet maximum) in limited use applications
- Suitable for low-cycle applications to restricted access areas such as prisons, airport security areas or industrial sites
- Electronic limit settings
- Three-piece aluminum arms available in 20, 24 and 27 foot lengths
- DKS patent pending Loop Logic vehicular/pedestrian detection system
- 5-year limited warranty

**ACCESS CONTROL SOLUTIONS**

- 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
**Mechanical**

Primary Reduction is provided by a 60:1 worm gear reduction system running in a continuous oil bath.

- Arm rotates 90° in approximately 5.5 seconds.
- G90 galvanized steel housing, painted white rated NEMA 4x.
- 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.

Arm Kits: Three-piece 3” round aluminum arm available in 20, 24 and 27 foot length.

Arm kits include arm mounting hubs, hardware, and counter-balance weights.

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.

**Miscellaneous**

- Environmental: 10ºF to 140ºF (-12°C to 62°C).
- Thermostatically controlled heater kit recommended for colder environments.
- Shipping weight approximately 160-180 Lbs (72-81 kg).
- Arm kit: 45 Lbs (20 kg).

*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.