

**A**lvarado's Model ECMG is a quality-built, microprocessor-controlled motorized security gate.

Designed for alternative access control, the ECMG is suitable for use at entrances and exits to offices, retail stores, health clubs and other types of facilities.

ECMG gates offer clean, attractive styling, with a satin finish stainless steel gate arm assembly, plus satin stainless or powder coated steel cabinets that use concealed anchoring.

Easy to integrate with card access systems and other devices, ECMG gates provide a full 36" of passage width, and may be ordered in single or bi-directional gate configurations.

The ECMG gate allows field adjustment of several operating parameters including gate open/close speeds, and the length of time that the gate stays open before automatic closure.

Safety features include an emergency breakaway mechanism, plus electronic sensing and controls that stop movement of the gate arm when it is obstructed during the opening or closing cycle.

Available options for the ECMG include remote push-button or rubber floor mat activation.



- **Microprocessor Controlled Motor Opens/Closes Gate**
- **Easy Integration**
- **Auto-Stop Safety Feature**
- **Adjustable Open/Close Speed**

ALVARADO

## DESCRIPTION

### PRODUCT NAME

Model ECMG - Electronically controlled motorized gate.

### APPLICATIONS

Microprocessor controlled motorized gate that automatically self-opens and closes. Provides patron entry and exit at offices, health clubs, retail stores and other commercial facilities. Easily integrated with card access systems, or any device that provides a momentary dry contact output.

### PRODUCT FEATURES - Mechanical

#### Materials and Operation

- Heavy gauge materials meeting appropriate ASTM standards
- Formed and welded steel cabinet with all exterior welds ground and polished smooth
- Stainless steel lid
- Fully welded stainless steel gate arm - when fully open, provides 36" of passage width
- Concealed anchoring system

#### Finishes

- #304 stainless steel polished to a #4 satin finish
- Baked on polyester powder coat

### PRODUCT FEATURES - Electrical

#### Functional Control

- May be ordered with single or bi-directional gate operation
- Gate arm is controlled by a microprocessor-driven motor and gear assembly
- Gate may be activated by supplying a momentary dry contact via switch or relay
- Adjustable gate opening/closing speed and dwell time
- Emergency breakaway mechanism
- Auto-stop safety feature - automatically stops movement of the gate arm if an obstruction is encountered during opening or closing cycle

#### Power

- 110 VAC input, stepped down to 12 VDC
- Maximum current draw of 1.5 A
- Externally mounted power switch/circuit breaker

### PRODUCT SELECTION

**ECMG-1** - Gate arm provides a 36" passage width and opens in a single direction.

**ECMG-2** - Gate arm provides a 36" passage width and opens in both directions.

### ECMG OPTIONS

**Push Button** - Remotely mounted push buttons supply dry contact output for gate activation.

**Activation Mat** - Pressure sensitive rubber floor mat provides dry contact output for gate activation.

### WARRANTY

Alvarado's one-year written warranty applies to all products.

