

# CSG2000 Parking Lot / Access Control Gate

The [CG2100-1 Gate Controller](#) is housed inside the gate cabinet for protection. This controller unit may also be used to replace other manufacturers' gate controls. [Contact Cincinnati Gate Systems](#) with questions about this equipment and for information about options and accessories.

✍ CSG2000 operates 14' through 20' gate arms

✍ Weatherproof and corrosion-resistant all steel cabinet

✍ Polished stainless steel mounting base

✍ *NoTouch*® proximity sensor prevents gate from striking pedestrians and vehicles

✍ 1/2 HP instant reversing motor

✍ Remotely programmable microprocessor controller (via RS-232/485 port)

✍ Multiple operation modes

✍ Gate operation counter built into software

✍ Resettable thermal overload motor protection

✍ Thermostatically controlled cabinet heater



[Cincinnati Gate Systems, Inc.](#) is committed to providing you with innovative, non-proprietary products to give you the flexibility to build new or to expand existing parking and access control systems seamlessly and cost-effectively, without being locked into a single equipment supplier.

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Designed, manufactured, and



## SPECIFICATIONS

### CSG2000 Parking Lot / Access Control Gate

|                   |   |
|-------------------|---|
| Cabinet:          | 14" x 15" x 40" 12 gauge steel with a 13" x 14" x 6.25" polished stainless steel base   |
| Door:             | Flush mounted with chrome lock assembly and a single internal gasket  |
| Paint:            | Textured powder coat with silicone base. Yellow or white are the standard colors. Additional color options are available.               |
| Motor:            | 1/2 HP, single phase, instant reversing, 115/220V AC, 50/60 Hz  |
| Limit Switch:     | Controls gate travel so no brake device is required   |
| Heater:           | 500 W thermostat controlled strip device  |
| Drive:            | Heavy duty, high cycle speed reducer with 60:1 output to the main shaft raises or lowers gate arm in five seconds.                      |
| Shear/Spring Pin: | Connection from main gate shaft to gate arm bracket shears off to prevent damage to internal mechanism in case of sudden gate stoppage. |



### CG2100-1 Gate Controller

|                     |  |
|---------------------|--|
| Controller:         | Self-contained universal gate control device. Lane mode selection via RS-232 port on main CPU from laptop or desktop computer. 8 opto-isolated inputs, 4 opto-isolated outputs, 5 – 30V DC range wet or dry. |
| Environment:        | -15°~149° F (-26°~65° C) with heater   |
| Input Power:        | 115V AC, 50/60 Hz<br>220V AC optional feature  |
| Output Signal:      | 12V DC, 1.5 Amps and 5V DC, 1 Amp  |
| Convenience Outlet: | 110V AC, 60 Hz, 15 Amps  |
| Service Switches:   | Three position switch to raise gate, lower gate, and normal operation mode<br>Power On/Off switch<br>Heater/Fan control switch   |
| Microprocessor:     | 20 MHz PIC processor   |
| Vehicle Detection:  | PC board with one 11 pin amphenol connector for single or dual channel detectors   |