

[CG1000 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, Inc.](#) with questions about this equipment and for information about options and accessories.

- ✍ CG1000 operates 10' and 12' gate arms
- ✍ Weatherproof and corrosion-resistant all steel cabinet
- ✍ Polished stainless steel mounting base
- ✍ *NoTouch*® proximity sensor prevents gate from striking pedestrians and vehicles
- ✍ 1/3 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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SPECIFICATIONS

CG1000 Parking/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:	1/3 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 50:1 output to the main shaft raises or lowers gate arm in two 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 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 Power On/Off switch 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