CG1000 Parking / Access Control Gates

Access control systems and custom engineered solutions available!

CG2100-1 Gate Controller

Description:

- CG1000 operates 10' and 12' gate arms
- Weatherproof and corrosion-resistant all steel cabinet
- Polished stainless steel mounting base
- NoTouch® object sensor prevents gate from striking pedestrians and vehicles
- 1/3 HP instant reversing motor
- Remotely programmable mode selection microprocessor controller (via RS-232 port)
- Multiple operation modes
- Gate operation counter built into software
- Resettable thermal overload motor protection

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 AC, 50/60
The CG1000 operates 10' and 12' gate arms using a 1/3 HP instant reversing motor.

NoTouch® Package

The CG1000 NoTouch® Object Detector Proximity Sensor Control package is ideal for installation on access control gates and parking gates in and around facilities with high pedestrian

-- More...

Hz

- Limit Switch:
  Controls gate travel so no brake device is required
- Heater:
  450 W thermostat controlled heater
- Drive:
  Heavy duty, high cycle speed reducer with 60:1 output to the main shaft raises or lowers gate arm in two seconds. 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
- Output Signal:
  12V DC, 1.5 Amps and 5V DC, 1 Amp
- Service Switches:
  Three position switch to raise gate, lower gate, and normal operation mode, Power On/Off switch
- Microprocessor:
  20 MHz PIC processor
- Vehicle Detection:
  PC board with one 11 pin amphenol connector for single or dual channel detectors

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.

*Specifications subject to change without notice.

Contact Us about the CG1000 Parking/Access Control Gate
Or the CG2100-1 Gate Controller

Proudly designed and manufactured in Cincinnati, Ohio

Contact Us
Car Park Management Systems

As with many industries, technological innovation is transforming the design of parking garage operations. We are in the midst of a revolution of sorts, with new technologies leading to the creation of Car Park Management Systems (CPMS), comprehensive parking management programs that incorporate the latest and greatest technologies in order to provide parking garage systems that are more user-friendly, more efficient, and more profitable than ever before.

How many of these parking technologies are you using?

- Automated Vehicle and Radio Frequency Identification
- Multi-Space Meters and Smart Single-Space Meters
- In-Car Devices
- Pay-by-Cell
- License Plate Recognition
- Sensors
- Electric Vehicle Charging Stations
- Automated Garages
- Robotic Garages
- Parking Guidance Systems
- Cell Phone and Internet Applications
- Electronic Payments
- Cloud Computing
- LED Lighting
- Geographical Information Systems

Can't keep track of them all? Can't afford them all? No worries – Walker Parking Consultants will evaluate your current parking system and make informed and expert recommendations as to which of these technologies will give you the biggest bang for your buck! Talk to one of our experts!

For more car park management system information please contact us.
RedStorm™ Parking Guidance System

RedStorm™ 2.0 answers the question... Are there any open spaces?

The RedStorm™ 2.0 Parking Guidance System is a stand-alone system that combines real-time vehicle counting with Space Available and end of aisle signs.

Here's how it works.
As a car or motorcycle enters the parking garage or lot it passes between a pair of sensors or over loop detectors that senses their direction of travel. When vehicles enter the garage, the number of open spaces is reduced by one for each vehicle entering. Conversely as each vehicle exits, the number of open parking spaces is increased by one.

During this time, the system control center is in constant contact with the Space Available and End of Aisle signs communicating changes in the number of open or available parking spaces. As the signs receive updated information the LED counters on the signs display the new number of available spaces. And all this occurs in real-time.
Why RedStorm™ 2.0?

It's accurate.
You can count on The RedStorm™ System to detect vehicles even when there's tailgating. We use infra-red technology to detect vehicular movement. Our sensors use a 7 foot wide sensing field to provide maximum coverage over the traffic lane and a narrow 3" deep sensing field to ensure it can detect individual cars even in bumper to bumper traffic situations.

It's the simple, low cost parking solution.
- Installs without structural changes; no cement to cut
- No software to install.

It's a versatile parking guidance system.
RedStorm™ is a fit for existing parking facilities as well as new construction. It can be installed with our sensor technology or designed to interface with a 3rd party loop detection system. And it's scalable. RedStorm™ is engineered to support basic global count garage applications (just counts the cars entering and exiting) and robust enough to handle complex level by level counts as well as multi-lot campus style parking.

It's a GREEN parking solution.
The combination of RedStorm's Space Available signs and real-time car counting capabilities makes finding an open parking space faster, more efficient and eliminates parking congestion. Faster Parking = Lower Exhaust Emissions and Improved Air Quality.

When you choose RedStorm™ you choose a system that is
- Capable of delivering accurate counts even when tailgating occurs
- Compatible with new and existing 3rd party loop detection equipment
- Ideal for service driven industries with non-revenue control parking garages and lots
- Supported by a trained network of providers and an engineering team in the U.S.A.

RedStorm™ 2.0 is the Accurate, Low Cost, Simple Parking Solution for Car Counting.
As a driver
I can see that there are 81 spaces available in your garage on level 4. I'm more inclined to choose your garage rather than spend more time circling for a space on the street.

As a garage owner
My garage is full so I'm making money. You're enticing drivers to park in your garage, by showing them how easy it is to find an available space.