



# CSW24VDC

COMMERCIAL HIGH TRAFFIC DC  
SWING GATE OPERATOR

## Unrivaled Performance, Security and Accessibility

Engineered for more than a million cycles in high-traffic heavy-duty applications, the CSW24VDC is ideal for the most demanding swing gate environments. Industry-leading power management technology extends battery backup for up to 24 days\* without recharging, providing greater security and reliability. No one else can offer you that peace of mind. Access your property like never before. With MyQ® Technology you can monitor and control your gate from anywhere and get in quickly and securely with the built-in interference eliminating Security+ 2.0™ radio.

### Connectivity

- **MyQ Technology** enables you to securely monitor and control your gate operator and houselights with your smartphone for greater peace of mind.
- **Alerts** can be received as email or pop-up (push) notifications on your mobile device so that you always know the status of your gate operator.
- **MyQ Mobile App** is a free download with no annual activation fee.
- **Wireless Dual-Gate Communication** saves unsightly driveway scars by eliminating expensive conduit for dual-gate communication.

### Performance

- **Million-Cycle DC Motor** is engineered for more than a million cycles and is designed to perform in the most demanding applications. Soft start/stop operation extends operator and hardware life for heavy-duty gate use.
- **Battery Backup** secures and safeguards your property by providing up to 146 cycles\* or up to 24 days\* of standby power when the power is down.
- **Solar Ready Ultra-Reliable System** delivers power when you need it most to operate the gate and is extremely power efficient at all other times to maximize solar performance. Home owners may qualify for 30% solar tax credit.
- **Gate Size** rated for gates up to 18 ft. in length or weighing up to 1200 lbs.

### Safety and Security

- **Security+ 2.0™ Patented Multi-Frequency Secure Radio Technology** virtually eliminates interference and offers 2X the range of standard remotes so you can access your facility quickly and safely.
- **Quick Close/Anti Tailgate Selectable Feature** quickly secures gate and prevents unauthorized access.
- **Plug-in Loop Detector Inputs** Innovative Design ensures vehicles are easily identified to exit property or interrupt gate travel if a vehicle is in its path.
- **Safety Inputs** are provided for the addition of safety reversing devices. Each entrapment point should be protected with its own device.
- **UL/cUL Listed** tested to the most stringent industry guidelines.

### OPTIONAL ACCESSORIES:



#### LiftMaster Internet Gateway (828LM)\*\*\*

Receive alerts or monitor and activate gate via an Internet-enabled device anywhere in the world.



#### Door and Gate Monitor (829LM)\*\*

Monitor or close the gate from any room in your facility.



#### Universal Single and 3-Button Remote Controls (811LM) (813LM)

Ideal for applications requiring a large number of remotes for a common entrance.



One button can control a gate operator and the other(s) can control garage door(s). It can also be programmed to Security+® or Security+ 2.0™ code format.



#### Monitored Entrapment Protection Retro-Reflective Photoelectric Sensor (CPS-RPEN4GM)\*\*

Safeguards your property. Single-sided means no expensive trenching or wiring.



#### Solar Panel (SOLPNL10W12V)

Solar option available. Efficient reliable system.



#### Internet Protocol Access Control (IPAC)

Internet-enabled outdoor access control system with Voice-over Internet Protocol.

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## FEATURES

### FIRE DEPARTMENT COMPLIANT

Selectable settings allow gate to auto open or push to open upon loss of AC power or battery depletion.

### PRE-MOTION WARNING ALARM

Selectable feature activates on board alarm three seconds prior to gate motion.

### WIRELESS DUAL-GATE COMMUNICATION

Saves unsightly driveway scars by eliminating expensive conduit for dual-gate communication.

### BI-PART DELAY

Monitors the speed and position of each wing and adjusts the speed as necessary to ensure primary gate closes last, avoiding potential damage to the gate

### SYNCHRONIZED CLOSE

Simultaneously closes gates.

### PROGRAMMABLE AUXILIARY RELAYS

Two programmable relays with six settings each simplify adding additional features. Switch on/off devices at open or close limits.

### ADVANCED TRAFFIC MANAGEMENT CONTROL

Secures your property.

### ANTI TAILGATE

Prevents unauthorized access. Gate will pause when closing as vehicle pulls onto interrupt loop or breaks photo beam. Once vehicle backs up, gate will continue to close.

### QUICK CLOSE

Closes the gate immediately after a vehicle pulls off the interrupt loop.

### ONE TOUCH PUSH BUTTON PROGRAMMABLE ELECTRONIC LIMIT SYSTEM

Maintains accurate gate position throughout gate travel. Maintains open and close limit position at all times, even after using manual disconnect.

### HOMELINK® COMPATIBLE

Version 4 and higher.

### SECURITY+2.0™ ON-BOARD RADIO RECEIVER

Up to 50 remotes.

### WARRANTY

Five years commercial.  
Seven years residential.

### LED DIAGNOSTIC DISPLAY

Easy-to-read, simplifies installation and troubleshooting.



## SPECIFICATIONS

### POWER

110V/220V Single Phase.

### ACCESSORY POWER

24VDC 500mA output.  
Switched and unswitched power.

### SURGE

Industrial strength suppression on high and low voltage inputs.

### TEMPERATURE SPECIFICATIONS

-40°F (-40C) to 140°F (60C).

### GATE TRAVEL SPEED

90-degree opening in 13 - 15 seconds.

## CONSTRUCTION

### MOTOR

24VDC continuous-duty motor.

### OPERATOR DUTY RATING

Continuous duty.

### CHASSIS

Constructed with 1/4" gold zinc plated steel for rust prevention.

### WORM GEAR REDUCTION

Two commercial oil bath gear boxes providing 900:1 worm gear reduction.

### COVER

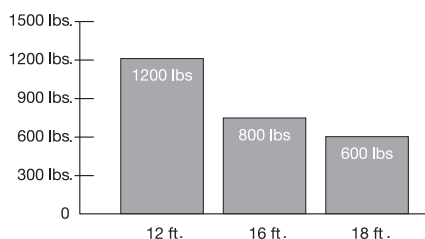
High-density, UV-resistant polycarbonate 2-piece cover for excellent heat and corrosion resistance.

### OPERATOR WEIGHT

206 lbs.

### RECOMMENDED CAPACITIES

#### Swing Rating



### BATTERY BACKUP OPERATION

BATTERY	CYCLES	STANDBY TIME
2-7 AH	146	24 Days
2-33 AH	876	105 Days

### DIMENSIONS



\* Basic set up with remotes programmed. Does not include added accessory power draw. LiftMaster low power draw accessories recommended to extend cycles and standby time on battery backup.

\*\*Power efficient LiftMaster design saves power when running on battery or solar mode.

\*\*\*LiftMaster® Internet Gateway Accessory functionality is dependent on communication with a MyQ Enabled gate operator. MyQ Technology communication can be limited by distance and type of exterior building materials. A general range estimate is 300 ft.

LiftMaster gate operators comply with UL 325 standards. External entrapment devices must be added to meet UL 325 standards. Your installer will recommend suitable entrapment devices such as photoelectric sensors or edge sensors.