It's Time to Make Gate Safety a Priority

24VDC High-Traffic Commercial
Swing Gate Operator

CSW24U

Unrivaled Performance, Safety and Accessibility

Built to deliver unsurpassed safety and performance, our 2016 UL Listed Gate Operators and Monitored Safety Entrapment Devices provide peace of mind for every gate application.

NOW INCLUDED:

Monitored Retro-Reflective Photo Eye (LMRRU)

LiftMaster® ELITE SERIES®

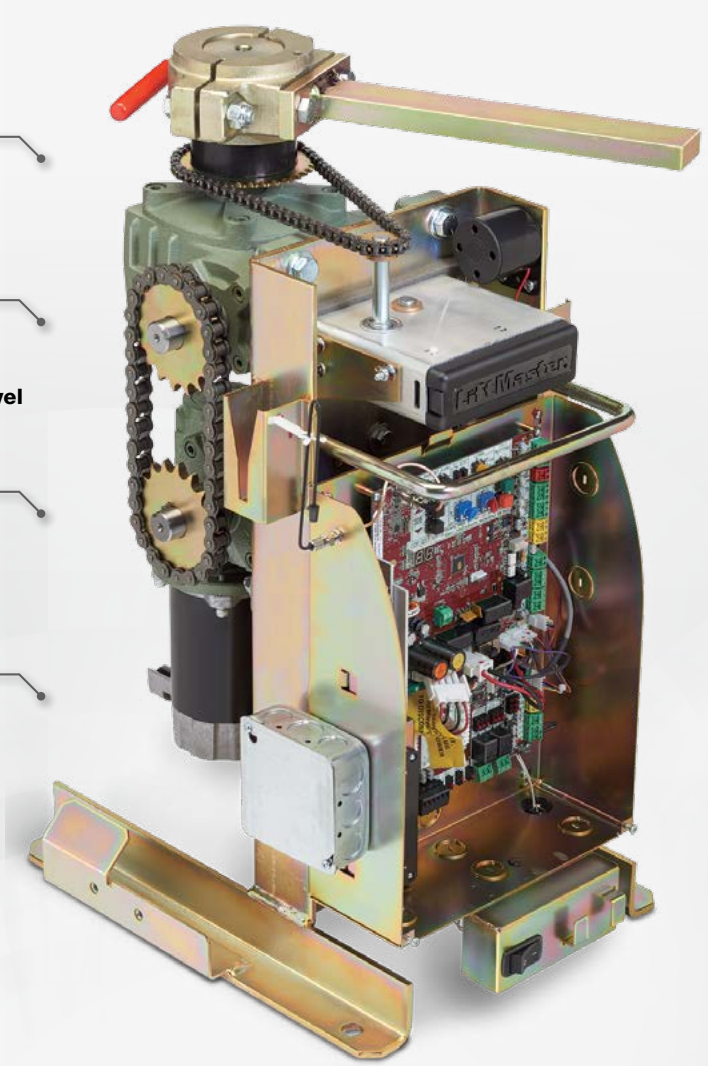
CSW24U: Setting the New Standard with Best-in-Class Features

Engineered for more than 1 Million Cycles, Our P3 Motor® is designed to perform in the most demanding environments.

Heavy-Duty Commercial Gear-Driven Transmission provides unsurpassed reliability.

Soft Start/Stop and Mid-Travel Reversal extends operator and hardware life in high-cycle and heavy-gate applications.

Surge Suppression provides industrial surge and lightning protection against strikes up to 50 feet away.



Fire Department Compliance allows gate to auto-open upon loss of AC power or battery depletion.

Wireless Dual-Gate Communication eliminates expensive conduit costs and avoids unsightly driveway scars.

Emergency Release simple-to-use release handle allows gate to be operated manually and maintain limit position once re-engaged.

Quick Close/Anti-Tailgate quickly secures property, preventing unauthorized access.

IDEAL FOR
Heavy-traffic applications such as large gated communities, residential developments and commercial complexes.

WARRANTY
Five years commercial.
Seven years residential.

Exclusively LiftMaster®: What Sets Us Apart

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.

Security+ 2.0®

Keep traffic flowing with Security+ 2.0® Technology that utilizes a tri-band signal that virtually eliminates interference and offers extended range each time the remote control is used.

myQ®

Securely control and monitor your Gate Operator from anywhere and get activity notifications through the MyQ® app.

P3 MOTORS®

LiftMaster has designed its own purpose built high-cycle high-temperature continuous duty motor to meet the exact requirements needed to open and close your gate.

* Basic setup with remote controls programmed. Does not include added accessory power draw. LiftMaster low power draw accessories recommended to extend cycles and standby time on battery backup.

New 2016 UL 325 Gate Guidelines

LiftMaster is committed to helping the industry design, install and service safe gate applications that are tested and certified to meet the most stringent industry safety standards.

What You Need to Know:

- Two monitored safety entrapment protection devices must be installed at each entrapment point, including:
  - The inherent reversing system built in to each LiftMaster Gate Operator
  - LiftMaster Monitored Photo Eyes and/or Edge Sensors**
- Gate operators will now monitor for fault conditions of external entrapment protection devices.
- New regulations go into effect January 2016.

Safety Accessories

Monitored Retro-Reflective Photo Eye (LMRRU)

- Sensing distance up to 50 ft., NEMA 4X.
- Hoods come standard.

Monitored Through-Beam Photo Eyes (LMTBU)

- Wireless network mode eliminates the need to wire between operators in dual-gate applications.
- Sensing distance up to 90 ft., NEMA 4X.
- Hoods come standard.

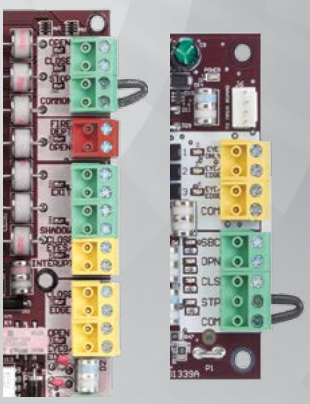
Monitored Wireless Edge Kit (LMWEKITU)

- Low-energy Bluetooth® transmission provides industry-leading battery life (2 years).
- Accepts up to 4 transceivers, 2 resistive edges per transceiver.
- Sensing distance up to 130 ft., NEMA 4X.
- Compatible with LiftMaster Monitored Edges.

****Only LiftMaster Monitored Photo Eyes or Edge Sensors may be used with this operator to meet the 2016 UL 325 Standard.**

Monitored Safety Inputs

Come standard with the CSW24U.



- Includes 6 Monitored Safety Inputs to cover all entrapment points.

Add to Your System

Plug-in Loop Detector (LOOPDETLM)

Ensures vehicles are easily identified to exit property or interrupt gate travel if a vehicle is in its path.

Power-efficient design uses less power to maximize cycles when operating on Battery Backup.

Internet Gateway (828LM)***

Connects your MyQ®-Enabled Gate Operator to the Internet with this device and the free MyQ app.

Wireless Commercial Keypad (KPW250)

Sleek, zinc-alloy metal front cover is extremely durable. Electronics encapsulated for reliable outdoor use. Compatible with Security+ 2.0®, Security+® and Linear MultiCode®.† 250-code capacity.

2-Button and 4-Button Security+ 2.0® Learning Remote Controls (892LT/894LT)

Can learn or clone other LiftMaster codes or frequencies.

*** 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.

† MultiCode is a registered trademark of Nortek Security & Control LLC.

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FEATURES

LED DIAGNOSTIC DISPLAY Simplifies installation and troubleshooting.

SOLAR-READY ULTRA-RELIABLE SYSTEM
Simple solar conversion delivers power when you need it most and is extremely power efficient at all other times to maximize solar performance.

PROGRAMMABLE AUXILIARY RELAYS
Easily add additional features, such as warning lights/alarms.

BI-PART DELAY Monitors and adjusts speed and position of each wing to ensure primary gate closes last.

SYNCHRONIZED CLOSE Simultaneously closes gates.

PRE-MOTION WARNING ALARM Activates on-board alarm three seconds prior to gate motion.

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.

HOMELINK® COMPATIBLE Version 4 and higher.

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER
Up to 50 remote controls (unlimited with 811LM/813LM).

SPECIFICATIONS

POWER
120V/230V Single Phase.

ACCESSORY POWER
24VDC 500mA output. Switched and unswitched power.

MONITORED SAFETY INPUTS
3 Main Board, 3 Expansion Board.

TEMPERATURE SPECIFICATIONS
Without Heater:
-4°F (-20°C) to 140°F (60°C).
With Optional Heater (HTR):
-40°F (-40°C) to 140°F (60°C).

CONSTRUCTION

P3 MOTOR®
24VDC continuous-duty motor.

OPERATOR DUTY RATING
High-cycle, high-temperature continuous duty.

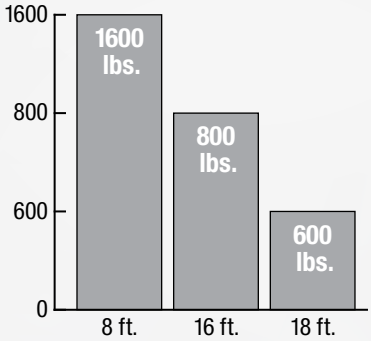
CHASSIS
Constructed with 1/4 in. gold zinc-plated steel for rust prevention.

WORM GEAR REDUCTION
Two commercial oil bath gearboxes 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
Rated for gates up to 18 ft. in length or weighing up to 1,600 lbs.



BATTERY BACKUP OPERATION

BATTERY	CYCLES	STANDBY TIME
(2) 7Ah	146	24 Days
(2) 33Ah	876	105 Days

UL USAGE CLASSIFICATION
I, II, III, and IV.

GATE TRAVEL SPEED
90-degree opening in 13-15 seconds.

ADDITIONAL ACCESSORIES

Internet Protocol Access Control (IPAC) Easy-to-use touch-screen outdoor access control system.

3-Button Passport MAX Visor Remote Control (PPV3M) Compatible with the IPAC and Passport Receiver (PPWR).

Telephone Entry/ Access Control System (EL2000SS) High-capacity entry system.

Universal Single and 3-Button Remote Controls (811LM/813LM) Ideal for applications requiring a large number of remote controls.

Solar Panel (SP10W12V) Solar option available. Efficient reliable system (2 panels required).

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845 Larch Ave., Elmhurst, IL 60126
LiftMaster.com
LMGTBRCSWU 8/15

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LiftMaster® ELITE SERIES®