

HDSL24UL

# 24VDC HEAVY-DUTY VARIABLE SPEED SLIDE GATE OPERATOR

Ideal for heavy gate and extreme applications.



**CONTINUOUS-DUTY OPERATION**

**DIRECT DRIVE GEAR BOX AND BRUSHLESS DC MOTOR**  
up to 6 million cycles

**MOVE HEAVY GATES**  
up to 3,000 lbs.  
at 1 ft/sec.

## RELIABLE

**CONTINUOUS-DUTY GATE OPERATION** BUILT WITH A CUSTOM HEAVY-DUTY GEAR BOX, SIZE 70, DIRECT DRIVE 40:1 GEAR RATIO.

**CUSTOM 1.5 HP PEAK BRUSHLESS DC MOTOR** DELIVERS UP TO 6 MILLION CYCLES.

**VARIABLE CYCLE SPEED** ADJUSTS TO MEET APPLICATION NEEDS FROM .5 FT./SEC. TO 1 FT./SEC.

**SMOOTH START/STOP OPERATION** AND MID-TRAVEL REVERSAL EXTEND OPERATOR HARDWARE LIFE.

**#40 INDUSTRIAL CHAIN** PROVIDES A PULL STRENGTH OF 2X THE GATE WEIGHT.

## SMART

**POWERED BY myQ®** FOR FULL INSIGHT AND CONTROL OVER COMMUNITY AND FACILITY ACCESS POINTS. MONITOR AND CONTROL MULTIPLE COMMUNITIES WITH SMART COMMUNITY ACCESS. IMPROVE WAREHOUSE EFFICIENCY AND PRODUCTIVITY WITH SMART FACILITY ACCESS.\*

**FOUR PROGRAMMABLE AUXILIARY RELAYS** ACCOMMODATE MORE ACCESSORIES.

**WIRELESS DUAL-GATE COMMUNICATION** SYNCHRONIZES GATE OPERATION AND ELIMINATES COSTLY TRENCHING; SET SPEED INDEPENDENTLY IF NEEDED.

## SAFE AND SECURE

**QUICK CLOSE AND ANTI-TAILGATE** QUICKLY SECURES PROPERTY, PREVENTING UNAUTHORIZED ACCESS.

**POSILOCK®** AUTOMATICALLY CLOSES THE GATE WHEN IT IS PUSHED FROM THE CLOSED LIMIT.

**UL® LISTED** GATE OPERATOR WITH MONITORED SAFETY ENTRAPMENT PROTECTION DEVICES.

\*When linked with an access control powered by myQ. Cellular data or Wi-Fi® connection required. Test equipment regularly and follow safety instructions.

## INCLUDED ACCESSORIES:

### MONITORED RETRO-REFLECTIVE PHOTO EYE

Reliable retro-reflective photo eye with heater and wide beam, engineered to stay aligned; max. range: 50 ft.



LMRRUL

### MONITORED SMALL-PROFILE RESISTIVE EDGE

Senses obstructions.



S505AL

## SAFETY ADD-ONS:

### MONITORED THROUGH-BEAM PHOTO EYES

Reliable through-beam with wide beam and heater for high performance in most environments; max. range: 90 ft.



LMTBUL

### MONITORED WIRELESS EDGE KIT & TRANSMITTER

Low-energy Bluetooth® connection between a Resistive Edge and the gate operator; max. range: 130 ft.



LMEKITU & LMWETXU

### MONITORED RESISTIVE EDGES

Full line of Small and Large Profile Edges that sense obstructions.



EDGES

## TOTAL SOLUTION ACCESSORIES:

### CONNECTED ACCESS PORTAL WITH VIDEO

Cloud-based access control for residential communities.



CAPXLV

### PLUG-IN LOOP DETECTOR

Prevents the gate from closing on a vehicle in the path; power efficient for maximum cycles on Battery Backup.



LOOPDETLM

### INTERNET GATEWAY

Connects myQ-enabled gate operators to the Internet and enables control through the myQ app and communication to Access Control Systems powered by myQ.



828LM

## MASTERFUL ENGINEERING.

### MECHANICS



- 24VDC Brushless Continuous-Duty Motor
- **Operator Duty Rating:** High-Cycle, High-Temperature Continuous-Duty
- Direct Drive

### POWER



- 120/240VAC Single-Phase
- **Accessory Power:** 24VDC 1 A Max. Output; Switched and Unswitched Power
- **Optional Kit (3PHCONV)** to Convert a 3-Phase Input Voltage of 208/240/480/575VAC to an Output Voltage of 120VAC
- **Solar-Ready, Ultra-Reliable System** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)



### COMMERCIAL-GRADE DESIGN



- **Chassis:** Constructed with 1/4 in. Steel, Powder Coated
- **Cover:** High-Density, UV-Resistant Polyethylene Cover for Excellent Heat and Corrosion Resistance
- **Warranty:** 5 Years Commercial, 7 Years Residential
- **UL® Usage Classification:** I, II, III and IV
- **Operator Weight:** 172 lbs.

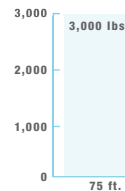
26.51"



18.14"

20.39"

### CAPACITIES



### TEMPERATURE SPECIFICATIONS



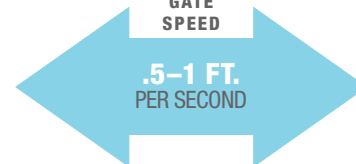
- WITHOUT HEATER**  
-4°F (-20°C) to 140°F (60°C)
- WITH OPTIONAL HEATER (HTR)**  
-40°F (-40°C) to 140°F (60°C)

### BATTERY BACKUP OPERATION

Battery	Cycles	Standby Time
7Ah	45	120 Days
33Ah	109	180 Days

(Cycles and Standby Time Based on Stand-Alone System)

### VARIABLE GATE SPEED



.5-1 FT. PER SECOND

## STANDARD FEATURES.

#### INHERENT REVERSING SENSOR

- Detects Obstructions and Reverses Gate

#### POSILOCK®

- Automatically Closes the Gate When It Is Pushed from the Closed Limit

#### MANUAL DISCONNECT

- Allows Gate to Be Opened Manually When Released

#### MONITORED SAFETY INPUTS

- 3 Main Board, 3 Expansion Board

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

- Tri-Band 310/315/390 MHz Frequency
- Up to 50 Remote Controls (Unlimited with 811LM/813LM)

#### LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

#### PROGRAMMABLE AUXILIARY RELAYS

- 4 Relays Make Adding Additional Features Easy

#### HOMELINK® COMPATIBLE

- Version 4.0 or Higher\*

\*May require an external adapter depending on the model and year of your vehicle. Visit HomeLink.com for additional information.

## SUPPORT.



For Support Tools and Training Videos, Visit [LiftMasterTraining.com](http://LiftMasterTraining.com)

For More Information on Gate Operators, Visit [LiftMaster.com/UL325Gates](http://LiftMaster.com/UL325Gates)



Sales Support: 800.282.6225  
Technical Support Center: 800.528.2806  
To Order: 800.323.2276

