TECHNA

Industrial Barrier Gate Operator
IBG24DCW / IBG24DCG



PRODUCT GUIDE

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COMMERCIAL SOLUTIONS

INDUSTRIAL BARRIER GATE OPERATOR (IBG)

The latest addition to the lineup, the Industrial TECHNA operator is engineered specifically for wide-access lanes. If your application requires spanning up to 24 feet with a single unit, this model delivers. Purpose-built for long-arm performance, it's designed to manage extended lengths, featuring an internal counterbalance system to support the extended arm length with ease.



Key Features

High Speed Operation
With an open time as low as 6s and features such as multi-vehicle tracking you can manage traffic efficiently.

LED Tower
Designed to support truck traffic, the LED Tower gives drivers a clear, highly visible signal helping them proceed safely when the arm is outside their line of sight.

Operator Design
Our new operator and arm design deliver a more simplified solution eliminating the complexity and bulk of traditional wishbone style operators.

Standard Battery Backup
Seamless operation when power is down. Standard with all operators. Solar kit available.

Advanced Connectivity
Gain visibility to gate events, diagnostics, and status by connecting the gate directly to myQ Facility, or to myQ Community via an access control system. Set timers, review error codes, and set alerts for issues like gate strikes via an access control system using standard Ethernet or Wi-Fi.

Slow Start/Stop Operation
Extends the life of the operator and arm durability.

Display Interface
Easily add transmitters, adjust settings, and view diagnostics with the color LCD display. Set up primary and secondary systems through the easy-to-use interface. Local event log and diagnostic information help make troubleshooting easy.

Reinforced Counterbalance
The TECHNA Industrial Operator has a robust counterbalance system to support long arm applications up to 24'. No need to order any additional parts to balance the motion of the arm. If your arm is shorter than 24' you can quickly adjust the number of springs and handing with simple mechanical adjustments.

Control Board
The new TECHNA control board is flexible enough for any system, from simple to complex. It includes five programmable relays, support for monitored safety devices, and a standard plug-in loop rack. The board also features multi-vehicle tracking, which can count multiple credentials and close the gate right behind a car for seamless, frictionless access.

Modular Arm Design
Recover from arm strikes quickly. Modular arms ship in segments to expedite shipping, reduce transit cost, and storage space required to service your operators. Tested to over 1M cycles.

UL® Listed
LiftMaster Commercial Door Operators are listed to the ANSI/CAN/UL 325 Standard for USA/Canada and are certified to NOM/IFETEL Standards for Mexico.

Recommended Accessories

Barrier Arms for all Applications
Standard Arm
Arms are shipped in modular sections for easier transportation and installation.

IBGARM18 – 18' arm
IBGARM24 – 24' arm

Length denotes lane coverage

Wireless Edge
The BGARMs have a channel at the bottom that is compatible with the small profile edge (S50). We recommend using the Wireless Edge Kit (LMWEKITU) to eliminate the need for a wired connection to the gate.

Heater
For low-temperature locations, add the HTR to ensure that the system stays warm to operate smoothly.

PBGALARM Kit
Program on/off in the display once installed.

Loop Detectors
Plug in the LOOPDETLM to prevent gate movement when a vehicle is nearby or to control vehicle movement between operators.

Battery Backup
For areas that sustain power interruptions, 2x 12V 7Ah batteries are included with each operator. Upgrade to the A12330SGLPK 33Ah batteries for increased runtime in the event of AC power loss.

Solar Panels
When power is not available, solar panels SP20W12V and SP10W12V can be the solution to provide power to the operator.



Connect and stay on top with the myQ ecosystem.

Enhanced Features:
- Door Monitoring.
- Enhanced diagnostic capabilities, providing detailed error codes locally and remotely when connected to myQ.
- Cycle Counts (Operator Absolute & Service).
- Simple device provisioning process, stable connection to the cloud.
- Cloud Access Control.
- Transmitter Management.
  - Unlock 1,000 learned transmitter capabilities to track specific people tied to those transmitters

IBG connects ecosystems with all of the myQ ecosystem. myQ Community lets you manage and control all property entrances from one dashboard to enhance visibility to access or monitor use and offer residents modern amenities. myQ Facility is a cloud-based solution that helps you stay in control of all your facility's access points, docks and more. This allows you to work smarter, improve efficiencies and reduce expenses.*

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

Specifications

Mechanics
- DC Brushless Continuous Duty
- Direct drive system with oil bath gearbox.
- Removable front cover and hinged lid with lock.
- Maximum lane coverage: 24'

Power
- 120VAC/230VAC 1PH
- 3PHCONV optional kit converts an input voltage of 208VAC/230VAC/460VAC/575VAC to an output voltage of 120VAC.
- Accessory Power: 24VDC 1A output with switched and unswitched power.

Commercial-Grade Design
- Aluminum housing with aluminum LED top lid.
- UL Certified: UL 325 and UL 991 – Class I, II, III, IV

Additional Features
- High-resolution, backlit LED display.
- Advanced diagnostics with vehicle strike detection.
- Arm mounting bracket for fixed mounting.
- Connect to Ethernet or Wi-Fi for over-the-air updates.
- Local log of 50 events correlated to the cycle number, unlimited if connected to myQ.
- Security+ 2.0® on Board Radio Receiver.
  - Up to 64 remote controls standard or unlimited when using additional accessories 811MX/813MX.
- Direct plug-in Loop Detector (LOOPDETLM), or wired (LD7LP) can receive up to three inputs.

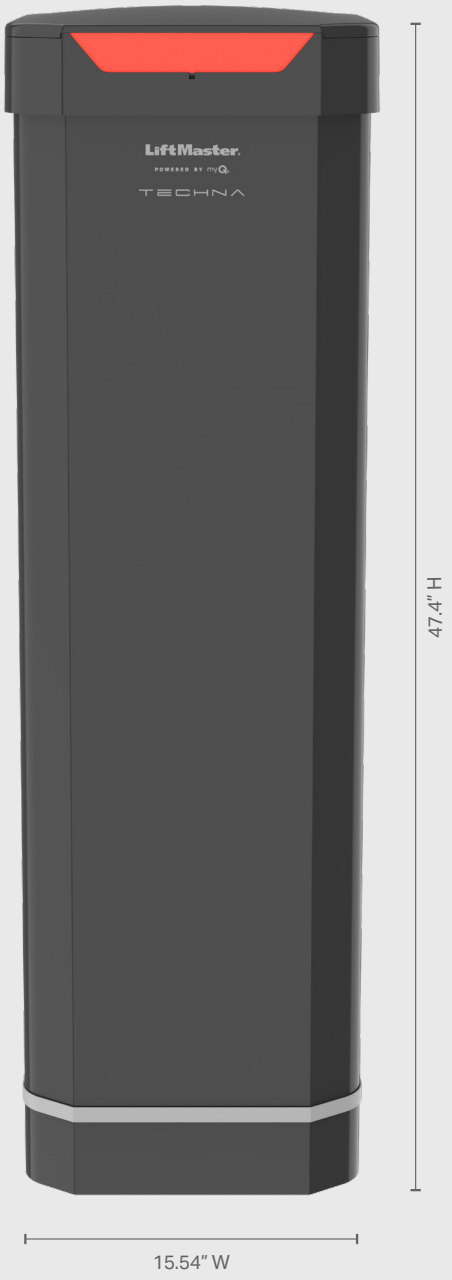
Temperature

Without Heater	-4°F (-20°C) – 140°F (60°C)
With Heater (HTR)	-40°F (-40°C) – 140°F (60°C)

Dimensions
- 16.6" L x 14.8" W x 47.4" H - without bracket
  (See Data Sheet for complete product dimensions)

Carton Contents
- Operator
- 2x 12V 7Ah batteries

Warranty
- 2 years



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