

# EASYGATE LG:

EasyGate LG: A pedestrian entrance control solution designed to accommodate high volume traffic capable of handling the unique challenges found in the most demanding of market segments. A modern elliptical cabinet design with dual bi-parting barrier panel movement in a smooth linear motion. The LG utilizes our latest "Patented" MDD magnetic direct drive system with far fewer moving parts than current conventional gearbox/motor drive systems others offer. We manufacture our MDD drive platform in our ISO 9001 certified facility and feel confident in saying that it is the most reliable drive system available exclusive to our product line. With an integrated hard-locking toothed brake, The EasyGate LG MDD drive system offers the high security deterrence that a direct-retracting barrier system can offer. With our Advanced infrared "Smart Beam" sensor arrays coupled to our highly tuned detection algorithm and unique "Patented" drive technology offers superior performance & reliability (MCBF = 10M cycles) significantly lowering cost of ownership.



EasyGate LG: design/built to withstand considerable abuse & misuse found in extremely high traffic or public transport applications that typically wreak havoc on turnstiles utilizing conventional motor/gearbox drive systems. The sleek elliptical design looks as great as it performs and well suited for traditional applications requiring exceptional reliability with minimal system down-time. The LG is fully qualified for service in the most rugged, high traffic, harsh (temperature / debris / humidity) environments. Available in a variety of finish options & able to meet the discriminating Class "A" or Corporate architectural aesthetic requirements, EasyGate LG is "Beauty & the Beast".

## BENEFITS

- Patented - Direct Drive (MCBF = 10M cycles)
- Designed for Fast - High Volume Applications
- Integrate most: Readers/Terminals/Displays
- Highly Resistance to Dust and Humidity
- Systems Monitoring Network - Remote Diagnostics
- Passage Scheduler - Automatic Mode Switching
- Configurable Barrier: Set Resistance or Hardlocked
- Advanced "Smart Beam" technology

## Materials and Finishes:

Cabinet:	Brushed stainless steel AISI 304 (Optional premium metals and electroplating available)
Top Lid:	Brushed stainless steel with black colored glass endings (optional: Self-Mending Polymer coating)
Barrier Type:	Toughened tempered glass barrier (optional: Glass Edge Illumination, etching acrylic, steel, etc.)
Barrier Heights:	From below the tops, to mid-height 4', 6' & to a market leading 7 foot high barrier panel solution.

## Dimensions:

Cabinet Height:	39" (990mm)
Cabinet Length:	61" (1,550mm)
Cabinet Width:	13" (330mm) ADA: 20" (510mm)
Passage Width:	22" (550mm) ADA: 36" (915mm)
ADA Passage:	36." (915mm)



## Standard Equipment:

- Advanced Magnetic Direct Drive System
- Sophisticated Control Logic for Safe and Secure
- Passage 40 pairs of Infrared Detection Smart Beams
- Accommodation for Reader & Display Systems
- Audible Local & Remote Alarm for Unauthorized Passage
- Compact 7.1" (180mm) Cabinet Footprint
- Brushed or Satin Stainless Steel finish - ANSI 304
- Tempered Glass, mid to full-height barriers

## Options & Accessories:

- Choice of cabinet designs: rounded, square, or custom
- Surface finishes: Stainless / Brass / Black SS / RAL-Color / Custom
- Top finishes: Stainless/Glass/Stone/Corian/Wood / Custom
- Barrier panel options: Glass (Clear, tinted, Frosted) / Acrylic/Custom
- Intuitive Illuminated Proximity Reader/traffic light cue
- Way-mode directional lighting (Green Arrow / Red cross)
- Barrier Glass Panel LED edge lighting (non-scratch unlike acrylic panels)
- Mounting Bases: surface mounting without fastening to floor
- Base Extensions: securing on raised floors & below grade surfaces
- Remote Control Consoles, Touch Screen Displays or PC/Workstation



## Operating Environment:

- Configurations: Indoor / Outdoor (sheltered or unsheltered)
- High resistance to the effects of dust and humidity
- Operating temp: 32° to +120°F (-4°F w/optional heater)

## Communication Interface:

Input/Output facilities: RS485/Ethernet/USB/Others

## Supply Power Supply:

Power supply input (low voltage): 24Vac  
(110 to 24Vac transformer supplied)

## Detection and safety sensors:

40 pairs - Advanced Infrared Optical Sensors manage:

- Single passage detection
- Minimize false alarm: permits roller bag, bags, back packs, etc.
- Easily Configurable: Safety zone & security levels
- Fraud detection: ¼ Gap Tailgating/Climb-over/Crawl-under
- Positive passage confirmation / remote output (analogue & digital)
- Smart Beam technology: Fault detects & compensates

## Emergency/Fire interface:

Dedicated emergency/fire input - Automatically opens barriers in Exit direction. System resets automatically when input is cleared. Optional remote controllers & T-Mon SW also offer emergency release button.

## Remote control:

Our exclusive T-Mon & T-Conf software (SW) applications facilitate remote control / real-time monitoring and parameter setting configuration of the turnstiles from a remote a controller or a connected PC/workstation. Optional Passage Scheduler software application offers scheduling & programming of automatic turnstile operational mode settings. Our T-Connect option enables secured “**Smart Phone**” remote control of the turnstiles (compatible with all phones w/browser).

## Magnetic Direct Drive unit (MDD):

Our “State of the Art” proprietary drive system design does not utilize a standard mechanical gearbox. The brushless motor drive system is quite unique & provides exceptional reliability and maintenance-free operation with fewer moving parts and inherent resistance to the effects of dust and humidity. The MDD system also provides for adjustable speed & torque control capability - allowing the systems to be pre-programmed for your specific application and/or fine tuned later in the field. Such tuning facilitates customized set-up of desirable configurations including: barrier panels locked in the entry direction while allowing push-through for exit. Our engineers have raised the bar with respects to features, aesthetics & reliability significantly lowered your cost of ownership without compromising.

**Note: Specifications are subject to change without prior notice.**

