



Elegance for demanding surroundings

With an inviting see-through design, quick opening times, and no-contact passage – Magnetic's mWing is the pinnacle in both security and elegance. Our fast and thin pedestrian e-gate is rapidly becoming the first choice for architects and building owners where sophisticated design is as important as securing the location. Whether it's an office, cultural venue or public building, the chic design, the warm comfortable material, and intuitive operation transforms the building's access control process into a pleasing, no-hassle activity for patrons. mWing not only advances user acceptance of access gates, but also ensures that security levels for the site are achieved.

mWing is adaptable and configurable to meet nearly any customer's requirements, thanks to its versatile configuration, options and accessories. Multiple bi-directional lanes are easily set up to address high patron throughput, and a wide-lane version is available to accommodate groups, material carts, and personal mobility equipment. By selecting waist-high or higher barriers, customers can choose the appropriate security level they wish to enforce. As a result, mWing is equally suited for monitored and non-monitored zones.

ACCESS

AFC

IMMIGRATION

BOARDING



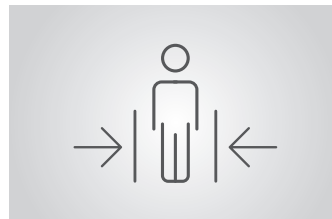
High individualization security

High barrier elements discourage climbing over and effectively separate different lanes from one another. The desired level of security can be easily modified through different heights of the glass barriers.



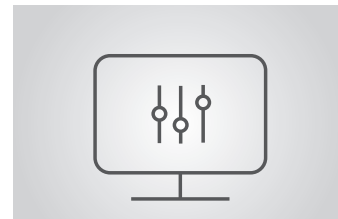
Comprehensive functions

Discreet illumination, optional electronic barrier locking to discourage unauthorized entry, free passage during emergency events – the mWing has numerous unique functions. Features such as error logging and cycle counting are already part of the basic functionality.



Non-contact passage

Photoelectric sensors in the passageway reliably detect persons and objects. They enable non-contact passage and sound an alarm on attempts to fraudulently pass through the gate.



Direct control

The integrated controller display allows all settings to be made directly – without any adapter cable or notebook computer. System configurations and training costs are considerably reduced because we also use the MGC controller in our vehicle barrier gates.

mWing

Wing-action gates

- > High visitor throughput thanks to rapid opening times and preset operation modes
- > Open-gate mode for extra fast throughput
- > Optional high barriers for maximum security requirements in monitored and unmonitored areas
- > Safe and secure with light-touch, auto-reverse barrier impact detection
- > Free passage on power outages
- > Designed for 10,000,000 opening and closing cycles



Technical data	mWing
Application	Indoor and outdoor
Passage width	Standard: 23 inches Wide Lane: 36 inches (more on request)
Total width for 1 lane	38 inches (with 23-inch passage width) 51 inches (with 36-inch passage width)
Height of barrier elements	Standard: 35 inches High: 71 inches (more on request)
Opening/closing time	0.6 – 1 s, depending on barrier element dimensions
Drive technology	MHTM™
Control system	MGC
Voltage	100–240 VAC, 50/60 Hz
Power consumption	Maximum 45 W
Duty cycle	100%
Housing material	mDure
Housing dimensions (L x W x H)	51.2 x 41 x 7.1 inches
Enclosure rating	IP 54
Weight	About 265 lb per module
Temperature range	–22 to +131 °F

Potential applications



Options

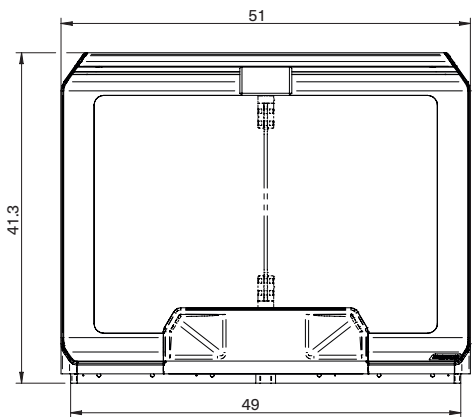
Special colors	Nearly unlimited color options available
Barrier elements	Glass wing made of single-layer safety glass (ESG) or acrylic glass, customer-specific barrier elements
Wide passageway	Wide-lane configuration, 36-inch width
Passage direction indicator	✓
Floor illumination	✓
Frame-edge illumination	✓
Warning on forced entry	✓
Interlock against forced entry	✓
Ethernet connection	✓

Equipment

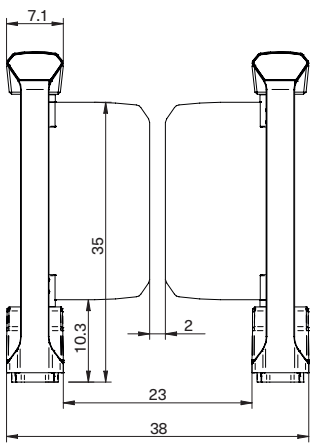
Standard color	Basalt (sides) Anthracite (frame)
Direction of passage	Uni- or bi-directional
Emergency release	On power outage or closing of alarm contacts
Random generator	Integrated in control system
Throughput data acquisition and event log	Integrated in control system

mWing Drawings and Dimensions

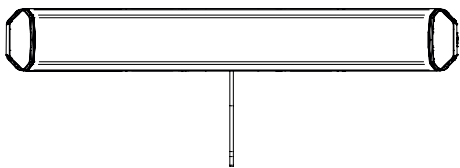
mWing standard from side



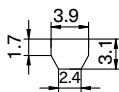
mWing standard view from front



mWing view from above (1 module)



Mounting space for reader devices
(without optional passage indicator, mounting depth 1.5 inches)



Line configuration of mWing with passage in standard width and with wide passageway

