

# mWing

## Optical wing-action gate

- > 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: 23.6 inches Wide Lane: 36.2 inches (more on request)
Total width for 1 lane	38 inches (with 23.6-inch passage width) 51 inches (with 36.2-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 (glass not included)
Temperature range	–22 to +131 °F

### Potential applications



Accessories	
Emergency button	For triggering the alarm contacts and unlocking the barrier elements
Base frame	For integration in new buildings, height adjustable between 3.9 and 5.9 inches
Separation of access areas	mGuide railing system for the separation of controlled and uncontrolled areas
Adhesive plate	For adhesive mounting on finished floors

Equipment	
Standard color	Basalt/Aluminum (sides) and Jet Black (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

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	Standard, included
White LED Floor illumination	Standard, included
Warning on forced entry	✓
Interlock against forced entry	✓
Ethernet connection	Standard, included