

## MHTM™ MicroDrive

### Magnetic.Access

Magnetic.Access barriers were specifically designed for the use in low to high frequented sites, e.g. industrial sites, residential buildings or small parking areas. Additionally, access roads with a lane width of up to 6.0m can be efficiently and reliably secured.

The Magnetic.Access range does not only offer long-life cycle, great reliability and quality but impresses with sophisticated and enduring design, extremely low operational costs, high ease of use and almost maintenance-free technology.

Depending on your demand, you may choose between 3 different barrier models: While the Magnetic.Access models are the all-round barriers, the Pro models offer more functionality and options. The Select models offer all customizing options at favorable prices.

- » **high basic functionality**
- » **safe control unit (EN 13849)**
- » **80% more connectivity (I/O, TCP/IP, RS-485, etc.)**
- » **high ease of use/ max. accessibility**
- » **only 25W power consumption (Magnetic.Access)**
- » **10 Mio opening and closing movements**

Access

Parking

Toll



#### Design and quality

MHTM™ MicroDrive barriers impress with sophisticated and enduring design. The modularly designed housing made of extruded aluminum profiles and a base frame made of stainless steel (both powder-coated) offers best protection against corrosion.

The MHTM™ product line is winner of the red dot award: product design 2012.



#### Control unit

The control unit MGC / MGC Pro is compliant with EN 13849. It is located directly underneath the top cover and can be accessed from all sides. Configuring the barrier is easily accomplished via the LCD's intuitive user interface that can be navigated with just 4 push-buttons.



#### Drive unit

The drive unit of MHTM™ MicroDrive is not only astonishing because of its small dimensions. You also get a high torque with an extremely minimized power consumption. The high torque guarantees best operation even under severe weather conditions (heavy winds, snow, etc.).

The motor, motor control and gearing are all combined in one compact drive unit.



#### VarioBoom

The VarioBoom concept enhances the visibility of the barrier boom which may be even more increased installing optionally available accessories. It comes equipped with a foamed edge protection which offers best protection against damages and harm to people.

Thanks to the modular design of the barrier boom single elements can be replaced in case of damage.

Technical Data	Magnetic.Access / -L	Magnetic.Access Pro / -L
Lane width max.	12 ft / 15 ft	12 ft / 20 ft
Opening / closing time	2.2 s / 4.0 s	1.3 s / 4.0 s
Power consumption max.	25 W / 50 W	95 W / 25 W
Duty cycle	100%	
Supply voltage	Wide voltage range 85 - 264 V AC	
Frequency	50 - 60 Hz	
Drive unit	MHTM™ MicroDrive	
Housing dimensions (WxDxH)	12.4 x 14.2 x 36.0 in	
Weight without boom	88.2 lbs	
Housing design	Powder-coated aluminum	
Base frame	Powder-coated stainless steel	
Protection class	IP 54	
Compliant with	UL 325, 2004/108/EC, 2006/95/EC, 2006/42/EC, CE	
Temperature range	-22 to +131 °F	

Features	Magnetic.Access / -L	Magnetic.Access Pro / -L
Standard colors	RAL 2000 (orange), RAL 9010 (white)	4 variants
Special painting	○	○
VarioBoom	●	●
Extension set VarioBoom	-	○
Control unit	MGC	MGC Pro
integrated 2-channel loop detector	●	●
Control unit modularly extendable	Radio control and additional 2-channel loop detector only	●
Variable I/O assignment	-	●
Number of digital inputs	8	8
Number of relay/digital outputs	6/4	6/4
Closing / opening times selectable	● / -	● / ●
Solar / battery option	○	○
Extended accessories	-	○
Specified number of cycles	10 Mio	10 Mio
Warranty	2 years	2 years

- Standard
- Optionally available
- Not available

