



MHTM™ MicroDrive

Access Solar



With the introduction of the MHTM™ Access Solar, we now offer even more solutions for your access control needs. MHTM™ Access Solar barriers were specifically designed for use in low frequented sites where it is cost-prohibitive to run power, e.g. camp sites, boat docks, or overflow access in lanes up to 15 ft.

The MHTM™ 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.

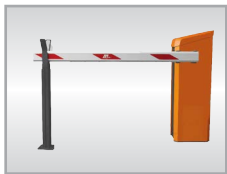
Depending on your application, you may choose between different barrier models. The MHTM™ Access models are the all-purpose barrier.

- » high basic functionality
- » safe control unit (EN 13849)
- » high ease of use / maximum accessibility
- » 10 Mio opening and closing movements
- » only 25W power consumption
- » 24v operation

Access

Parking

Toll



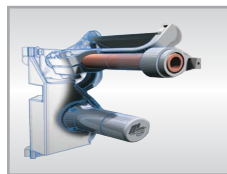
Design and quality

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



Control unit

The control unit MGC 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.



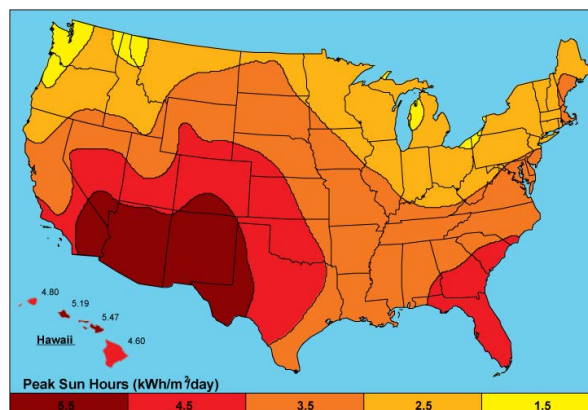
Solar-power

The solar panel gives you the ability to use your MHTM™ MicroDrive in remote locations where it is cost-prohibitive to run power. The easily integrated option fits completely inside the gate housing and allows operation of up to 500 cycles per day, depending on conditions. The solar-power option also includes a 75 watt solar panel and mounting bracket that allows mounting on a wall or up to a 4" round post.

Technical Data	MHTM™ Access Solar	MHTM™ Access-L Solar
Lane width max.	12 ft	15 ft
Opening / closing time	2.2 s	4.0 s
Power consumption max.	25 W	30 W
System voltage/current	24V / 12ah	
Housing dimensions (WxDxH)	12.4 x 14.2 x 43.9 inches	
Weight (without boom)	95 lb	
Housing design	powder-coated aluminum	
Base frame	powder-coated stainless steel	
Protection class	IP 54	
Compliant with	2004/108/EG,2006/42/EG,305/2011,CE	
Temperature range	-22 to +131° F	
Max cycles per day	500*	
Max days without sun	2	
Recommended daily peak sunlight hours for optimal performance (see map below)	~ 4	
Solar hours to fully recharge battery with no efficiency loss	6	
Minimum height to mount solar panel	8 ft	
Solar panel dimensions (WxL)	26.5 x 30.5 in	
Panel Wattage	75 W	
Length of wire supplied	25 ft	
Mounting bracket	included mounting bracket allows mounting on up to 4" post or on wall	

Features	MHTM™ Access Solar/-L Solar
Standard colors	2 variants (Similar to RAL 2000 and RAL 9010)
Special painting	○
Microboom	●
Control unit	MGC
Integrated 2-channel loop detector	●
Control until modularly extendable	Radio control and additional loop detector only
Number of digital inputs	8
Number of relay / digital outputs	6/4
Closing times selectable	●
Specified number of cycles	10 Mio
Warranty	2 years

- Standard
- Optionally available



* depending on conditions