

# BARRIER

MHTM™ Micro Drive

**PARKING PRO** barriers were specifically designed for highly frequented applications. The **PARKING PRO** barriers do not only offer fast opening times, long-life cycle, reliability and quality. Furthermore, they amaze with extraordinary design, extremely low operational costs, easy handling and almost maintenancefree technology.

In a nutshell: **PARKING PRO** barriers are the first choice for car park operators that need to establish an easy and reliable vehicle access control.

Parking  
Technology **HUB**



## control unit



The control unit 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 is small in size but allows to obtain a high torque with an extremely minimized power consumption. The high torque guarantees best operation even under severe weather conditions. The motor, motor controller and gearing are all combined in one compact drive unit.

## varioboom & break-away flange



The VarioBoom concept enhances the visibility of the barrier boom. The foamed edge offers best protection against damages and harm to people. The optionally available break-away flange may be used to drop the whole barrier boom in case of an unwanted or forced drive-through.

## led illumination strip



The optional LED strips illuminate the closing edge of the barrier boom on both sides. They are securely installed underneath the foamed edge protection.

The LED strips vastly enhance the visibility of the barrier boom. Even under poor conditions or at night, the barrier boom may be recognized from a long distance.

- **High ease of use and maximum accessibility**
- **Only 95W power consumption**
- **MCBF of 10 Mio cycles**
- **Safe control unit according to EN 13849**
- **Maximum connectivity (I/O, TCP/IP, RS-485, etc.)**
- **Best protection against corrosion thanks to extruded aluminium profiles and a base frame made of stainless steel**
- **Winner of the Red Dot Award Product Design 2012 and German Design Award 2014**

### TECHNICAL DATA

Lane width max.	3.5 m
Opening / closing time	1.3 s
Power consumption max.	95 W
Duty cycle	100%
Supply voltage	Wide voltage range 85 - 264 V AC
Frequency	50 - 60 Hz
Housing dimensions (WxDxH)	315 x 360 x 915 mm
Weight (without boom)	40 kg
Housing design	Powder-coated aluminium
Base frame	Powder-coated stainless steel
Protection class	IP 54
Compliant with	2004/108/EC, 305/2011, 2006/42/EC, CE
Temperature Range	-30 to +55 °C

### FEATURES

VarioBoom	Standard
Extension Set VarioBoom	Optional
Control unit	MGC Pro
Integrated 2-channel loop detector	Standard
Control unit modularly extendable	Standard
Variable I/O assignment	Standard
Number of digital inputs	8
Number of relay / digital outputs	6/4
Closing times selectable	Standard
Opening times selectable	Standard
Solar / battery option	Optional
Extended accessories	Optional
Specified number of cycles	10 Mio