

# Smart-One

Alphatronics Smart Connectivity Opens a New World!



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**Alphatronics**<sup>®</sup>  
Innovators in Access Technology



# SMART-ONE

The "Smart-One" is the modular barrier for intensive use. In addition to its fast and virtually noiseless opening, the barrier has a lasting stability. The look-and-feel of the barrier can be personalized with the side panels. In combination with our New "SmartLine" entry column, your installation will be complete and different from other installations. The web-based wireless controller "SmartControl" guides you to remote diagnostics and parametrization.



- State of the art engine technology ensures a very gentle and quiet operation
- Remote configuration and monitoring
- Obstacle detection
- High performance and low maintenance
- Dynamic speed range

## OPTIONS

- Barrier skirt
- Support post or pedelum support
- Ledstrip on barrier boom
- Personalizing sidewalls in wood, natural stone, PVC ...
- Click-out system barrier boom
- Articulated boom
- Protective rubber on barrier boom

## HOUSING

- Modular system
- Unique, personalizable and ecological design!
- Form-retaining, weld-free housing
- Powder coated aluminum (corrosion resistant), standard textured lacquer anthracite (RAL 7016)
- **Thickness plate:** 2 mm
- Lockable hinges door, side roadway
- Sloping removable roof
- Aluminum base plate 10 mm

## FRAME

- Electrolytically galvanized steel
- Captures all the forces of the engine and barrier boom
- Octagonal barrier arm with T-slot
- Break pin at the level of barrier arm to keep damage in case of collision or vandalism outside the housing
- Adjustable springs

## CONTROLLER

- Wireless or wired
- Diagnosis from a distance
- Parametrisation by webpage, not by dipswitches

## ANGULAR PROFILES

- Anodised aluminum (weatherproof)
- **Thickness:** 2 mm extrusion
- Solid, durable stability
- Assembly of the side panels by means of screw in profile
- T and V slots in the profile to easily install option

## MOTOR - GEARBOX

The Smart-One barrier is driven by an over sized brushless DC motor combined with adapted gearbox, specially tailored to be used in a barrier. The drive unit can deliver a high torque and can withstand heavy radial loads. This results in an extended expected lifetime of the unit.

## POWER SUPPLY

The Smart-One barrier is equipped with a special designed power supply with an energy reflow capacitor.

### The advantages of the Smart-One

**power supply are:** no electronic parts, since the supply is based on a high efficient toroidal transformer. As a consequence, there is also less chance for EMC problems.

