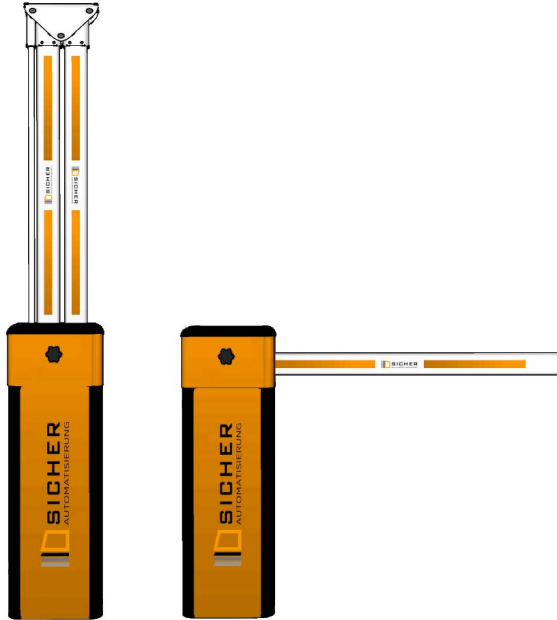


CHECKPOINT SERIES



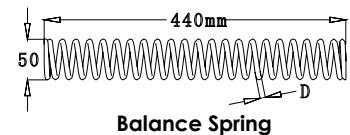
ART-180

PRODUCT OVERVIEW

- Die casting aluminum alloy.
- Compression spring core to avoid spring break accidents.
- Manual release, and auto closing.
- Auto balance adjustable system.
- Double safety limit switches : photoelectric & motor memory sensor.
- Reverse on obstacle.
- Motor cooling fan.
- Overheat self auto-switch.
- Up to 100 Km/h wind resistant.
- Access control & traffic light interface.
- Communication module RS485.
- Wire control (switch signal) / remote control (418MHz/433MHz).
- Dual safety photoelectric cell.
- Auto electromechanical motor gear self-lock.
- Opening time adjustable between 2-5 seconds.
- Anchor base plate bracket.
- Integration with third party.
- Smart Control Panel:
 - ✓ Dual channel loop controller.
 - ✓ Fail safe / fail secure.

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES		ART-180
Opening Time (second)		1.8 - 5
Barrier weight (Kg)		65
Material		steel 2.0mm powder coated
ARM		
Type		180° Articulated
Material		Die-casting aluminum alloy with reflective strips
Length (M)		5
Dimensions (WxH) (mm)		45X100
ELECTRICAL PROPERTIES		
Power (W)		80
Motor Voltage (V)		220V AC
OPERATIONAL PROPERTIES		
Frequency (Hz)		50 - 60
Duty Cycle (Cycle / day)		>1500
ENVIRONMENTAL PROPERTIES		
Operation Temperature (°C)		-40°C - +75°C



Balance Spring

Parameter of Balance Spring Diameter Selection

Arm Length-L (m)	Spring Diameter-D (mm)
2.5-3.5	4.5
3.5-4.0	5.5
4.0-5.5	6.5
5.5-6.0	6.5
>6.0	Special order