



Automatic Gate barrier with
smartphone control feature

Automatic closing feature

Adjustable folding arms (3-6m)

Obstacle detection

Manual control possibility

Secure operation with safety devices

Parklio™ Gate

TECHNICAL SPECIFICATIONS

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1. Product Description

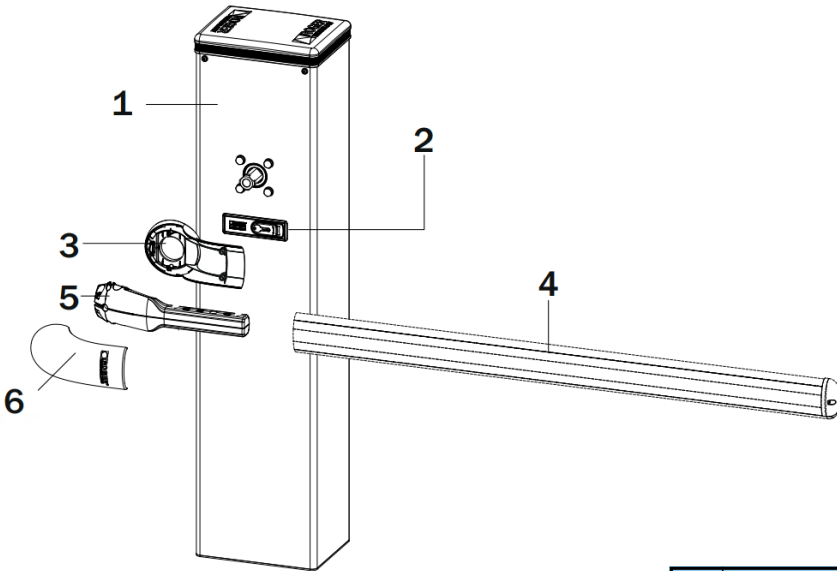
Parklio Gate is an automatic gate barrier controlled via smartphone and it is used for guarding car parks, entrances, restricted areas, checkpoints, or any other kind of exit/entry point, controlling road traffic in both directions.

Parklio™ robust and protective Gate - is made of powder-coated steel and designed to be resistant to all weather conditions. This smart rising arm gate offers long-term reliability, efficient operation, and durability. A wide range of gate arm lengths makes Parklio™ barrier gate applicable to any type of space where there is a need for regulation. Automatic Parklio™ Gates are a perfect solution for controlling the entrance and exit from public and private areas, from small to big parking facilities.

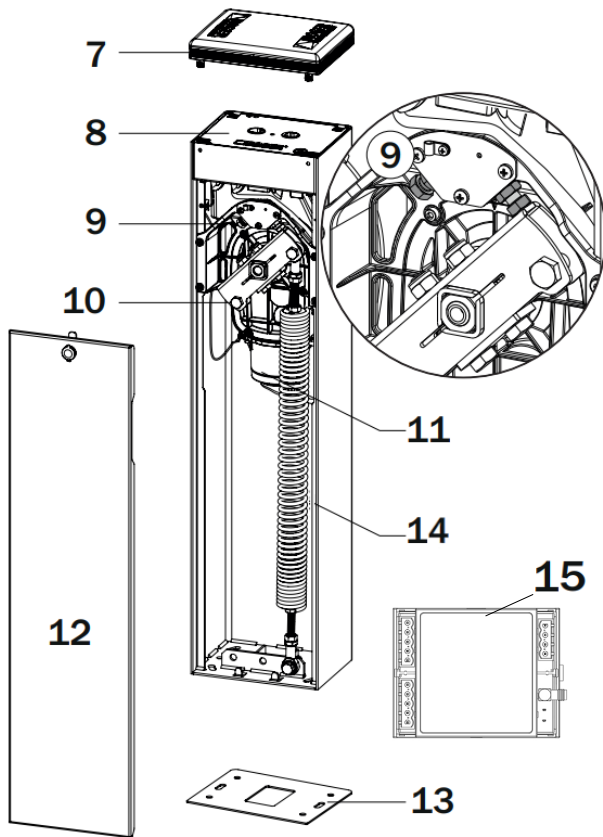
2. Parking Gate components

This Section will describe all the components a barrier is made of.

2.1. Gate components overview



**Automatic Gate
Barrier parts**



	Description
1	Barrier unit cabinet, in carbon steel with anti-corrosion treatment and painted
2	Key release with standard lock
3	Boom support arm rear cover
4	Elliptical boom up to 3 m, in white painted aluminium with slot cover profiles and shock-resistant rubber
	Elliptical boom up to 4 m, in white painted aluminium with slot cover profiles and shock-resistant rubber
5	Boom support arm in die-cast aluminium
6	Boom support arm front cover
7	Head in die-cast aluminium with anti-corrosion treatment and painted, complete with diffuser in transparent polycarbonate and BI/BLED led lights
8	Controller unit
9	Gate open/close mechanical stop
10	Steel spring fastening linkage lever
11	Gear motor complete with brushless motor and absolute encoder
12	Corrosion-proof, painted steel inspection hatch
13	Galvanised base plate for barrier fastening
14	Spring
15	Brain for app control

Contact the Parklio support team if any of the parts are incorrect, missing, or damaged. Keep the carton and all original packing materials in case the product needs to be send for repair.

3. Technical characteristics

Power supply	230 Vac - 50 Hz +- 10%
Motor power supply	36 Vdc
Power consumption	0 - 15 A
Motor power	220 W
Torque	0 - 200 Nm
Open / Close time	2 - 6 sec
Control system	Absolute digital encoder
Use frequency	Continuous
Operating cycles per day	5000
Grade of protection	IP54
Operational temperature	-20 °C to 55 °C
Accessories power supply	24 Vdc
Boom	2.2 - 4 metres
Backup battery	Optional
Dimensions	210 mm x 287 mm x 1203 mm
Release system	Key with a standard cylinder

Technical characteristics for Parklio Gate 4

Power supply	230 Vac - 50 Hz +- 10%
Motor power supply	36 Vdc
Power consumption	0 - 15 A
Motor power	220 W
Torque	0 - 200 Nm
Open / Close time	4 - 8 sec
Control system	Absolute digital encoder
Use frequency	Continuous
Operating cycles per day	4000
Grade of protection	IP54
Operational temperature	-20 °C to 55 °C
Accessories power supply	24 Vdc
Boom	up to 6 metres
Backup battery	Optional
Dimensions	380 mm x 270 mm x 1237 mm
Release system	Key with a standard cylinder

Technical characteristics for Parklio Gate 6

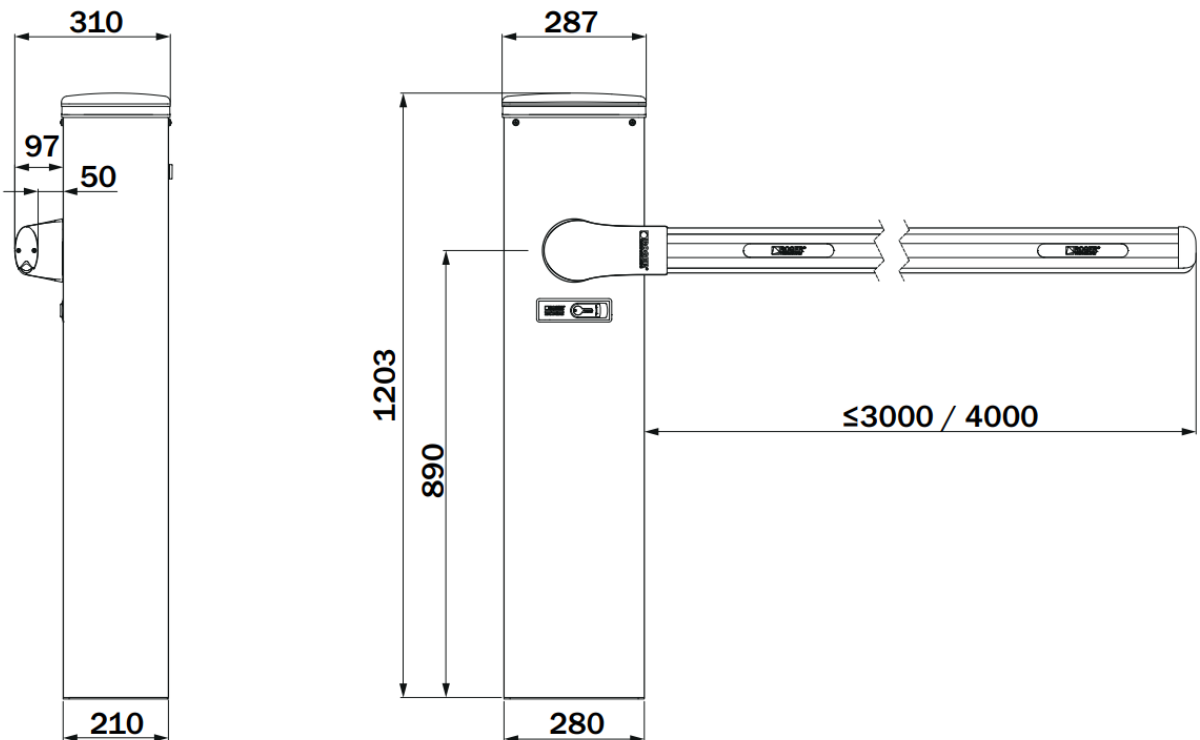
■ 3.1. Required cables dimensions

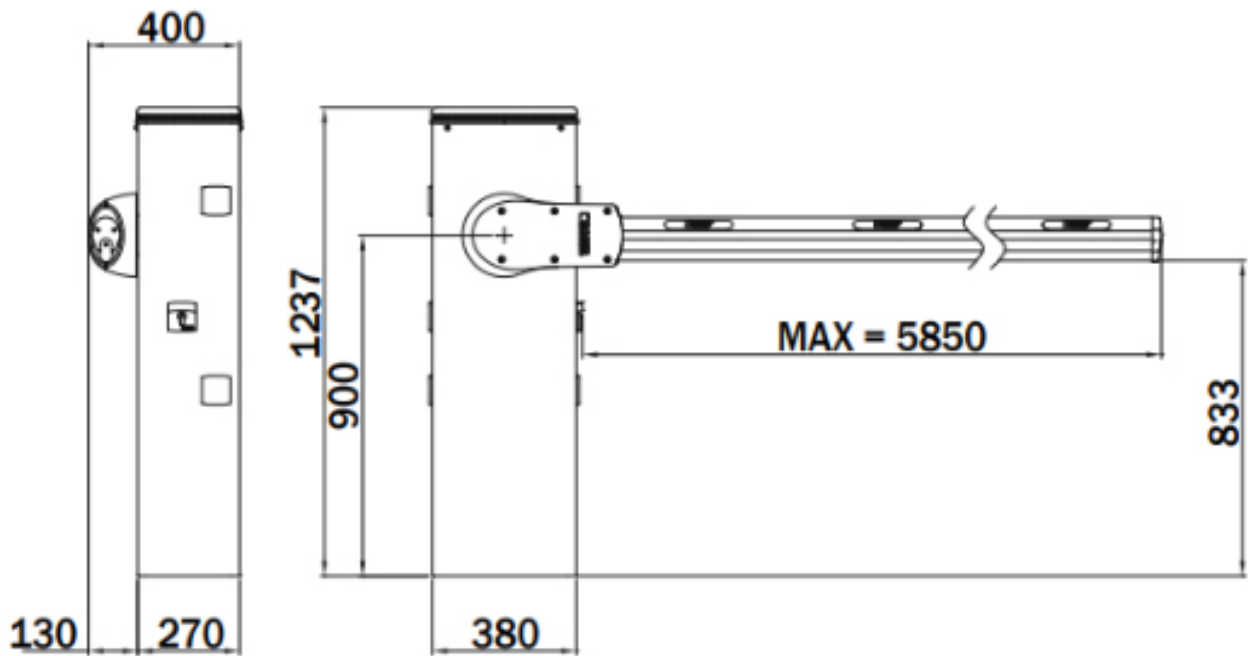
Power supply*	3G x 1,5 mm ²
Photocells (TX)*	2 x 0,5 mm ²
Photocells (RX)*	4 x 0,5 mm ²
Key switch	2 x 0,5 mm ²
Flashing light	2 x 1,5 mm ²

Required cable dimensions

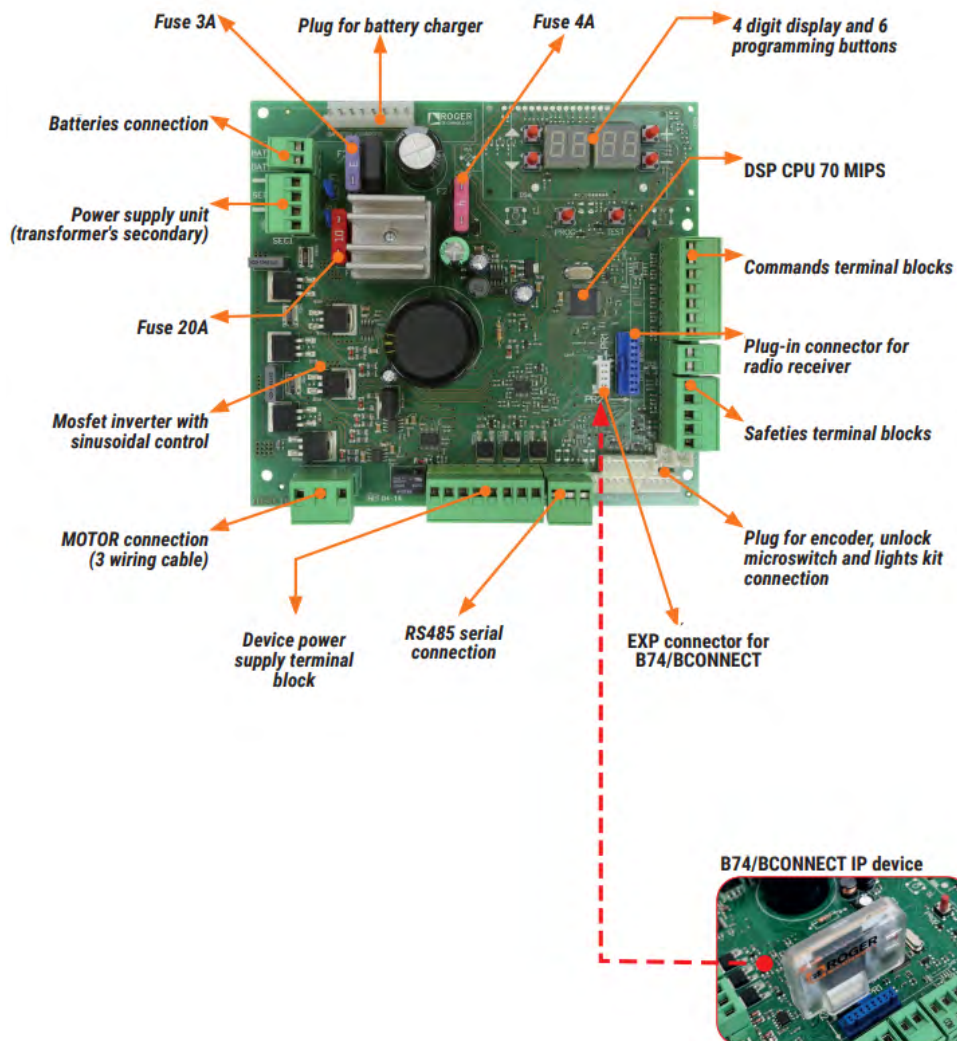
*Note: for photocells is recommended to use UTP CAT5 cable. Power supply cable, for distances from 20-30 meters should be 3G x 2.5 mm²

■ 3.2. Dimensions





■ 3.3. Control board



■ 3.4. Antenna

Frequency range	2400 MHz - 2500 MHz
V.S.W.R.	1.5:1
Bandwidth	100 MHz
Polarization	Vertical
Radiation	Omni directional
Impedance	50 Ω
Max wind speed	200 km/h
Size	Ø80 mm × 14 mm
Working temperature	-40 °C - +85 °C
Ingress Protection Code	IP 67

Antenna specifications

■ 3.5. Parklio Brain



Parklio Brain terminals