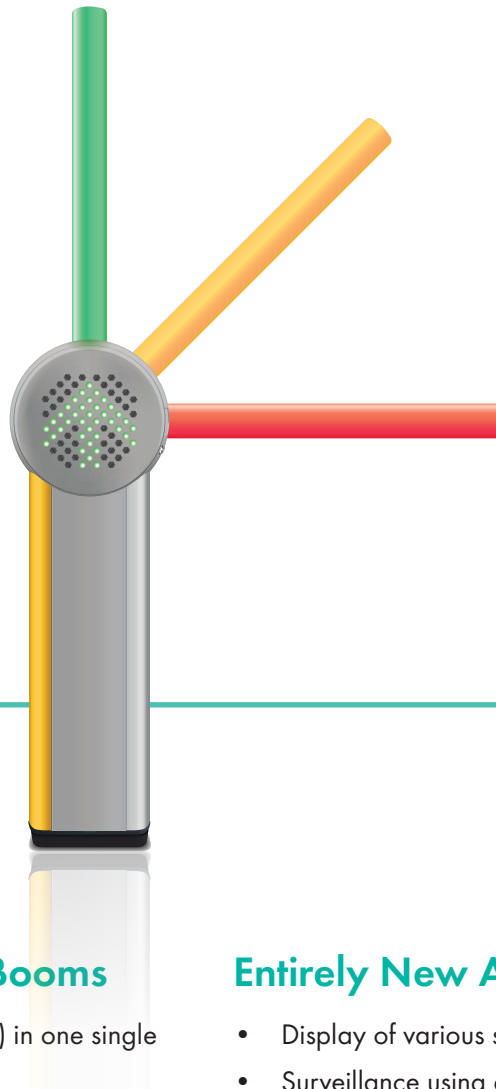# *Barrier.Gate*

No barriers for you and your applications –
but a distinct boundary for your parking facility.

Quick Movements, Longer Booms

- Boom lengths up to 4,5 meters (14,76 ft) in one single variation of the basic device.
- Configurable opening times: openings are up to 15% quicker than other systems.

The Intelligent System Without Column

- The inexpensive solution for your long-term parking facility: You only need the barrier gate, no column.
- Integrable RFID readers solve the task of parking facility monitoring.
- Small amount of components.

Entirely New Applications

- Display of various symbols via the integrated track light.
- Surveillance using an optional built-in video camera that is safe against vandalism.
- Unique: Colored joint barrier boom using RGB LEDs for safety and recognisability.

High-Quality, Energy-Optimized Components

- High-quality design that is the best in its field.
- Special focus on the use of energy-saving components.
- Operation in a wide range of temperatures possible without any extra heating or ventilation.
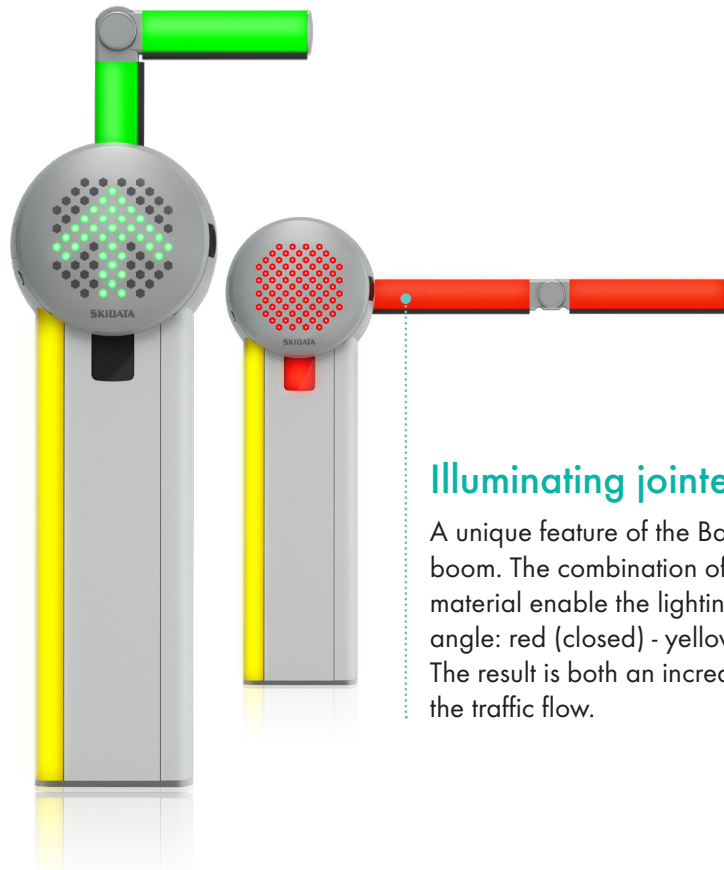
Barrier.Gate 'Smart' -

SKIDATA

The intelligent parking system
without a column.

The Barrier.Gate 'Smart' is an intelligent system in which the function of a parking column is already integrated into the barrier. With the reduction to a single product, you benefit not only from lower acquisition costs but also in the longer term through markedly lower energy consumption and the saving of space. The use of high quality materials ensures an easy installation and maintenance, and cost reduction during operation. Perfect, for example, for office or residential complex parking spaces in which the users have RFID-based access permission.
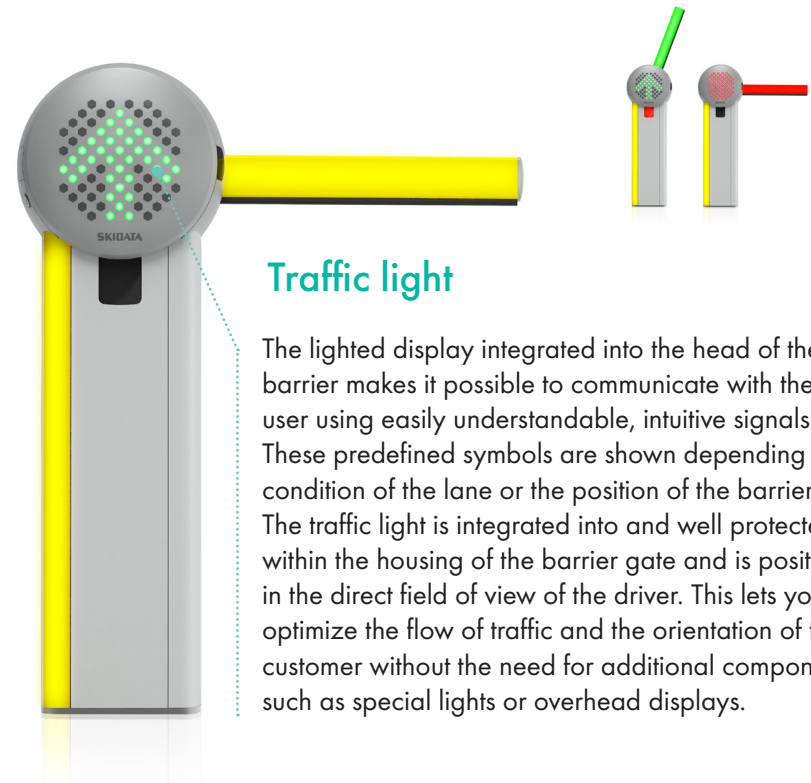
Traffic light

The lighted display integrated into the head of the barrier makes it possible to communicate with the end user using easily understandable, intuitive signals. These predefined symbols are shown depending on the condition of the lane or the position of the barrier arm. The traffic light is integrated into and well protected within the housing of the barrier gate and is positioned in the direct field of view of the driver. This lets you optimize the flow of traffic and the orientation of the customer without the need for additional components such as special lights or overhead displays.
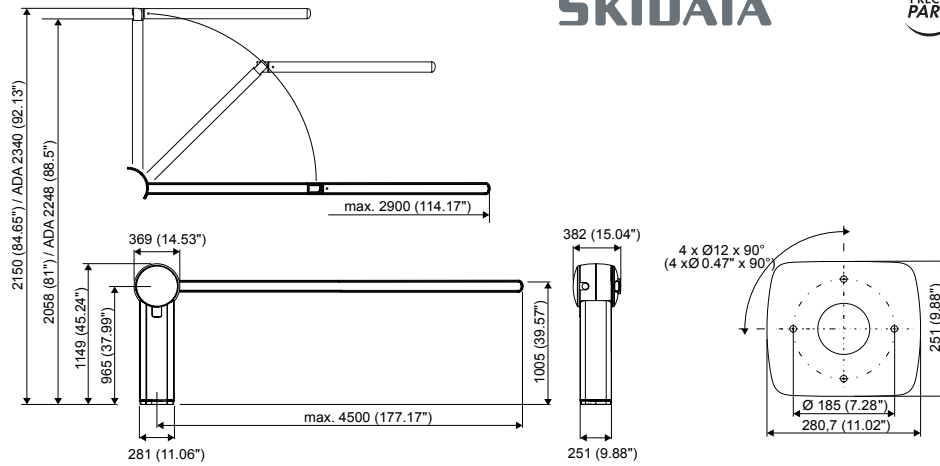
Illuminating jointed barrier arm

A unique feature of the Barrier.Gate is the illumination of its jointed boom. The combination of an internal LED strip and translucent outer material enable the lighting of the arm in different colors based on its angle: red (closed) - yellow (opening) - green (open/drive through). The result is both an increase in safety as well as an optimization of the traffic flow.

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Technical drawing dimensions:

- 2150 (84.65") / ADA 2340 (92.13")
- 2058 (81") / ADA 2248 (88.5")
- 1149 (45.24")
- 965 (37.99")
- 369 (14.53")
- max. 2900 (114.17")
- max. 4500 (177.17")
- 281 (11.06")
- 382 (15.04")
- 1005 (39.57")
- 251 (9.88")
- 4 x Ø12 x 90° (4 xØ 0.47" x 90°)
- Ø 185 (7.28")
- 280,7 (11.02")
- 251 (9.88")

all dimensions in mm

Features

- Housing made from high impact UV resistant plastic; support stand manufactured from eloxed aluminum
- Integrated drive gear motor with frequency converter control and slipping clutch
- Self-locking drive
- Barrier breakage detector
- Variable opening times, configurable in accordance with barrier arm length

- Barrier arms made from glass (fibre) reinforces plastic
- Barrier arm lengths up to 4,5 m (14.76 ft)
- Barrier arms are easy to mount
- Versions for left-hand and right-hand traffic
- Electronic calculations based on Military Standard (MIL-HDBK-217F)

Standard Version

- Parking barrier with mounting plate, main body manufactured from aluminum, drive motor and washer for barrier arm installation
- Electronic control assembly with real-time communication to Power.Gate, Lite.Gate or Column.Gate parking column

- Yellow contour stripe
- Triangular key for opening the housing

Options

Barrier arms

- Standard: Color Traffic Yellow RAL 1023/translucent; non-illuminated for lengths up to 4,5 m (14.76 ft)
- Multi-color version: Color white/translucent, with interior
- RGB LEDs for optional illumination of barrier arm in red, yellow and green to indicate closed, opening, and open states, respectively; lengths up to 4,5 m (14.76 ft)
- Jointed barrier arm: Overhead clearance: 2,07 m (6.8 ft) or 2,25 m (7.38 ft); Lengths 2,5 m (8.2 ft) or 2,9 m (9.5 ft)
- Jointed barrier arm: Overhead clearance is site specific
- Multi-color jointed barrier arm with interior RGB LEDs: Overhead clearance: 2,07 m (6.8 ft) or 2,25 m (7.38 ft); Lengths 2,5 m (8.2 ft)

Functional modules

- Illuminated configurable lane indicator
- Up to 2 double loop detectors for detection of vehicles and passage direction
- Bi-directional red warning light to indicate moving barrier arm
- Beeper for audio indication of barrier motion
- Interface for illumination options and optional loop detectors
- Interface for up to 16 additional inputs/ outputs
- External key
- Mechanical locking systems
- White contour stripe
- Backlight for contour stripe

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Technical Specifications

Dimensions	382 mm × 1149 mm × 369 mm / 15.04" × 45.24" × 14.53" (w × h × d)
Weight	48 kg (105,82 lbs) (without barrier arm)
Operating voltage	100-240 V ±10% / 50-60 Hz / Maximum current 1,8 A at 240 V or 4,8 A at 100 V With heater for 220-240 V ±10% / 50-60 Hz / 3,8 A maximum current With heater for 100-127 V ±10% / 50-60 Hz / 8,1 A maximum current
Temperature range	Standard: −20 °C to +50 °C (−4 °F to +122 °F) Cold Kit (heater): −40 °C to +50 °C (−40 °F to +122 °F) Hot Kit: −20 °C to +55 °C (−4 °F to +131 °F)
Top Section - Color	Dusty Gray RAL 7037 (Plastic)
Contour Stripes - Color	Traffic Yellow RAL 1023
Degree of protection based on IEC 60529	IP44
System Requirements	Barrier.Gate: Parking.Logic V 12 or higher Barrier.Gate 'Smart': Parking.Logic V 12 or higher
Certifications	cNRTLus– "ESA, cNRTLus