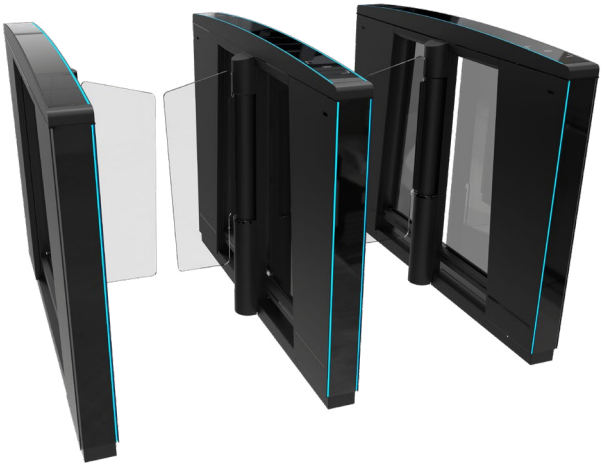
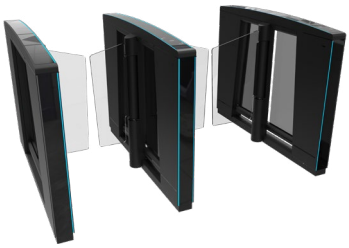
# PG 04 55 PADDLE GATE

CAME ÖZAK

TECHNICAL SPECIFICATIONS





550 & 900 mm net passage width combinations can be created.

## Technical Features

| | |
|---|---|
| **Place of Use** | Indoors. |
| **Operating Temperature, Humidity** | -20°C/+68°C (opt. -50°C with heater positive), RH 95% non-condensing. |
| **Operating Intensity** | 100%, 7/24 use. |
| **Material Specifications** | **Body**: Electro-galvanized steel chassis within a steel body coated with black silk textured electrostatic powder paint.<br>**Top Lid**: 4 mm black tempered glass on a steel top lid coated with black silk textured electrostatic powder paint.<br>**Wings**: 10 mm tempered clear glass |
| **Indicators/Sound System** | **Direction indicator/Passage Indicators:** Smart animated (adjustable in different colors) LED indicators that slides from bottom to top in entry-exit columns,and slides on passage direction under the top lid.<br>**Sound System:** With internal sound module, all intended sound can be uploaded in the system. |
| **Power** | **Operating Voltage** : 110/220V AC 50/60 Hz. (%±10), 24V DC.<br>**Consumption (single)** : ~12W. at stand-by, max ~42W<br>**Consumption (center)** : ~24W. at stand-by, max ~42+42W.<br>(varies according to the options and accessories used) |
| **Operating Modes** | System operates bi-directionally (entry-exit).<br>Operating modes can be adjusted through the buttons and screen on the control card.<br>Entry - exit controlled — Entry - exit free<br>Entry controlled, exit free — Exit controlled, entry free |
| **Operating System** | Electromechanical brushless motorised system with electronic torque and sensor controls that provides wing movement swinging to passage direction for rapid passages. Thanks to the smart sensors, the system is minimally affected by external light sources.Thanks to the “bus” communication infrastructure, very few cables are required and the number of sensors can be increased.<br>A passage lane consists of min. 2 pieces of single units facing each other.<br>The electromechanical brushless motor-driven moving wings are closed in the initial position.<br>Person requests authorisation from the access control device (3rd party device) connected to the gate’s entry system. Upon authorisation, wings open, passage of the person is monitored by the multi-sensors (14 pairs of sensors) along the passageway and wings close upon completion of the passage. In case of subsequent access authorisations, wings keep open until the last person completes his passage and then close.Wings do not move and do not harm the person in case the person is between the wings thanks to the sensors. In addition, electronic torque control system is continuously active during closing of the wings.<br>Systems generates audio/visual alarm in case of tailgating or illegal passage attempts.<br>System error codes can be monitored from the internal diagnostic screen.<br>In an emergency, even with electricity, the wings can be opened when power above a certain torque is applied to the wings. |
| **Control System** | All functions, parameters and operating modes can be adjusted through the buttons and OLED screen on the monobloc control card.<br>All inputs are opto-coupler protected.<br>Controllable by dry contact (ground control).<br>Compatible with all kinds of access control device.<br>Optional RS232, RS485 or TCP/IP module is available. |
| **Flow Rate** | **Wing opening / closing time** : ~0,8 sec.<br>**Free passage mode** : ~60 pass/min. **Nominal** : ~30 pass/min.<br>(passage rate can change depending on the access control system utilized) |
| **Emergency Mode** | Wings provide a free passage corridor by automatically opening to the set direction (adjustable through the menu on the control card). Works compatible with fire warning and similar systems. At the end of an emergency situation, system returns to its normal operating mode. |
| **Power-off Situation** | Wings provide a free passage corridor by automatically opening to the set direction with the internal battery (fail safe). |
| **Weight** | Single : ~110 kg<br>Center : ~165 kg |
| **Optional Features and Accessories** | Wireless remote control (receiver-transmitter), manual control, card reader mounting bracket, heater positive, bottom plate. |

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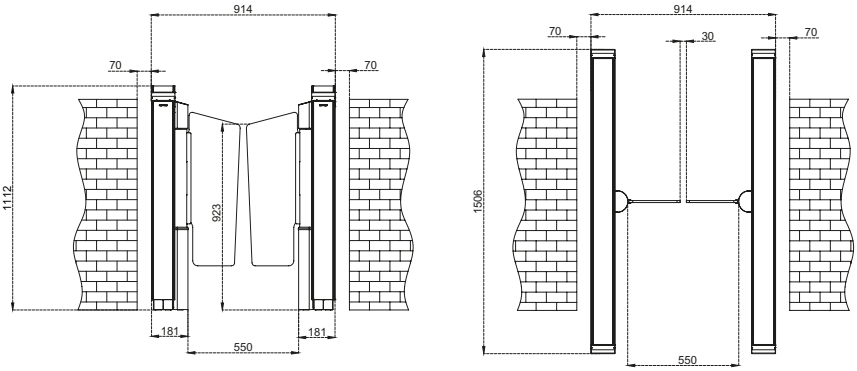
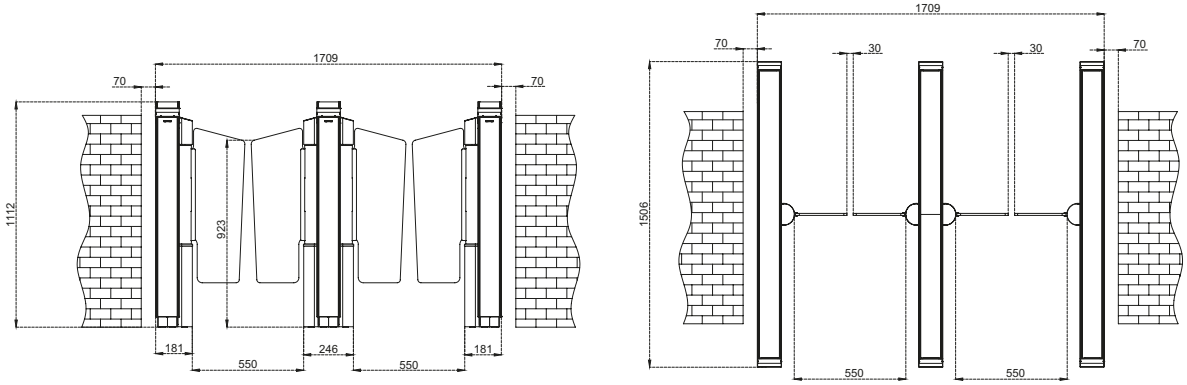
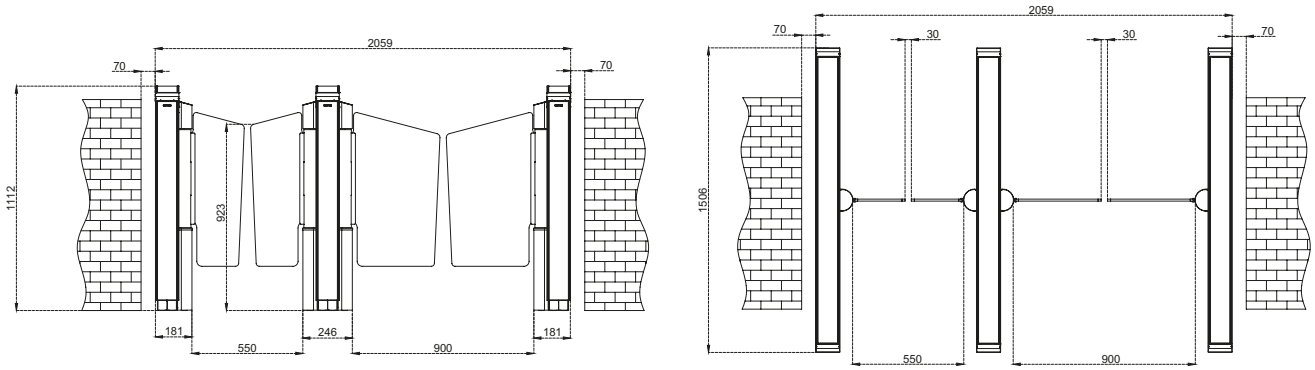
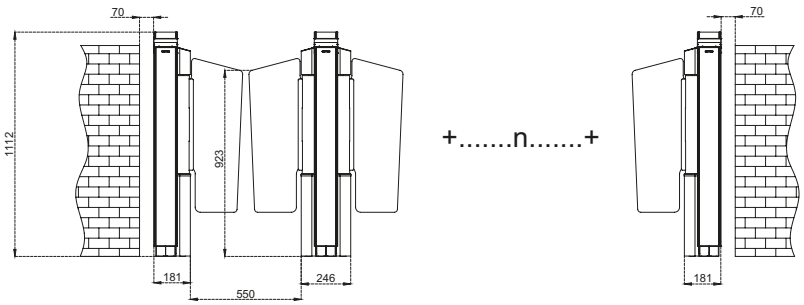
*Design and specifications are subject to change without notice.

## Dimensions (mm)



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