



**Power Supply** : 220v. 50 Hz. At standby ~24W. Walkway ~39W. (Single-sided)  
At standby ~49W. Walkway ~78W. (Central unit)

**Energy** : Power that comes into the system is filtered by noise filter and power supply for the system is supported by "switch mode" technology.

**WING SPEED** : The wing movement speed is a built-in **adjustable** property.

The wing opening and closing (retracing) speed at maximum values are as follow:

**-Wing Opening Speed= 0,8 seconds**

(When opened, the wing is placed on the walkway so as to prevent the passage)

**-Wing Closing (retracing) Speed = 0,5 seconds**

(When closed or retraced, the wing is placed inside the cabinet of the gate)

**Wing Features** : Soft blue LED illuminated tempered glass of 6 mm thickness (Stroke or crush resistant)

- Top Lid** : The natural granite (Star Galaxy Black) stone is a built-in property for a decorative and aesthetical appearance of the gate at the top section. The thickness of the granite is 20mm. Ask for different granite patterns and colours. (Opt. Stainless steel or wood)
- Body Features** : The central and the front panels are 304-grade DIN grid satin stainless steel; lateral panels are standard grid patterned 304-grade stainless steel.
- Indicator & Display Features** : On the frontal panels, there exist a LED display showing the graphical LED displays of Green Arrow and Red Cross representing the status of the Gate.
- In addition to that, there is an illuminated plexiglas layer under the granite top lid. At standby, the plexiglas layer illuminates blue; during authorised passages it flashes green; when an unauthorized attempt is detected or during alert mode it flashes red.
- Dimensions** : Single-sided: 1465 x 1030 x 325 + arm length (275) mm  
Central unit: 1465 x 1030 x 325 + arm length (275 x 2) mm
- Weight** : Single-sided: ~90kgs  
Central unit: ~95kgs
- Working temperature** : -15°C/+65°C
- Control System** : The system can harmoniously be integrated with all types of access control units. Can be controlled through dry contact, TTL, CMOS, GND. The functions can be controlled via RS 485, RS 232 or LAN network. All connections are isolated and protected.
- System Specifications** :
1. The main movement mechanism is provided by a DC.
  2. For the motor to move or stop the system is being controlled by an operating unit equipped with microprocessor in addition to PWM.
  3. The wings being closed in normal position turns into open mode fast (0,5 seconds) when the authorisation is received for the passage.
  4. When the wings are turning into closed mode, the movement is being monitored by the sensors in order to prevent anybody to be tightened between the wings (Anti-tighten feature). In addition to this factor, the wings move backward in case a tightening is being detected. In that case, alarm alerts.
  5. The system can be configured to alert when unauthorised persons get closer to the wings.
  6. The passage can be counted one by one.
  7. The direction and after passage feedback can be gathered.
  8. The wings position can be set out depending on the requirements during power failures.
  9. The emergency battery within the system is a built-in standard.
  10. The system opens the wing to allow passage through the authorisations of pass. When a reverse movement is being perceived, the system alerts, and turns into the original position.
  11. The system alerts when unauthorised persons get closer to the wings.
- Output Data** : After passage, the system gives the data output as a dry contact



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- Emergency** : In case of emergency, the system opens the wings and indicators illuminates green. This feature can also be activated during power failures. Optionally, the position can be changed by IR transmitter. The position can be changed up to 20 different statuses through the built-in battery.
- Manual Override**  
**Control Panel** : If there is no energy in the system, each and every wing the gates can be of manually controlled individually through the built-in override control panel mounted under the top granite lid inside the cabinet.
- External Connections** : Stainless steel and acrylic plates are placed on the top lid for both directions. The space under those plates provides enough room for the cables and additional system units. Acrylic plates are recommended for the integration of RF units.
- IP** : Indoor model IP 44
- Built-in Property** : Natural granite top lid (Star Galaxy Black), Side Indicators, Battery and Charge Unit, Side Panel Sensors and plexiglass illumination layer under the granite top lid.
- Optional** : Tempered glass side (lateral) panels, manual control unit (RF or with cable), card readers, indicator with animations, interface unit for PC, separators, mounting plate, etc.