



Inspired by  
Our Clients  
& Our People



Flap gates

KAPS<sup>®</sup>



KEEP MOVING

## About Kaps Flap Gate

This unique pedestrian barrier installed in conjunction with any access control system provides valuable assistance to security personnel at any monitored entrance. This Flap barrier is available as a single- or multiple-lane setup and is compatible with most access control systems, such as magnetic, biometric and proximity readers. The flap barrier combine features like high throughput rate, user acceptance, comfort, attractive design and different levels of security to prevent unauthorized access pedestrian safety has also been taken into account.

## Features

- Range of colors in galvanized steel, or optional in stainless steel
- Single lane or bi-directional access
- Accepts 14 denominations of bank notes (programmable)
- Validates ISO Mifare and optionally 3D (QR code) and 2D (Barcode) tickets.
- Emergency Open/Close. These two modes is used in special applications, such as fire alarm, etc. In those modes, the authorization will be shield and arms remains open/close till input any signal to change
- This Flap Barrier equipped with two types of hieroglyphic symbols to inform authorization permission and access situation.
- Sensors that close the gate and raise an alarm on detection of tail-gating and or intrusion.
- Embedded Micro-processor
  - o 7" LCD Touch screen display
  - o Multi-language support
  - o High processing speeds
  - o 1 second validation + open gate
  - o Embedded Linux running on Samsung arm processor at 1GHz
  - o 128 MB Ram
  - o 1 GB NAND FLASH

## Technical Specifications

The design includes:

- An elegant style appearance,
- A stainless steel cabinet,
- PLC integration with rigorous logic,
- An advanced system of detection and tracking sensors; Hieroglyphic symbols;
- Both Audio and visual alarms
- 7 " informative LCD screen with muti-language suppor

## Mechanical Specifications

### Power Requirements

- Voltage : 220V/110V AC  $\pm 15\%$
- Frequency : 50Hz/60Hz single phase for 230V AC
- Motor : 24V/30W
- Pass-way : Bi-directional
- Open Signal input dry-connect, TTL or 5v impulse
- Control Logic : PLC
- Torque Limiter electronic
- Operating temperature :  $-10^{\circ}$  c to  $+ 60^{\circ}$  C
- Weight : Single lane 110KG
- Environmental Splash proof housing. Conformal coating on all printed circuit boards
- Operating temperature :  $-10^{\circ}$  to  $55^{\circ}$  Centigrade ( $14^{\circ}$  to  $131^{\circ}$  Fahrenheit)