



ELECTRONIA



## e - G A T E T E R M I N A L

ELSmart Integrated Electronic Gate offers different options such as glass barriers, arm barriers, tripod, or full height turnstiles, for securely controlling physical access. These electronic gates, in conjunction with state-of-the-art optical technology, provides a high throughput security gate. These are designed to work in a normally closed mode and open after a valid card has been presented to allow the authorized user to pass. These barriers close quickly behind the authorized person to deter tailgaters.

The barriers provides easy access for the authorized pedestrian. In the event of other authorized users trying to use the lane, the barrier will stay open, even if they are walking in the opposite direction.

### Benefits

- Intelligently controls traffic flow while maximizing throughput
- IR detection matrix protects against tailgaters
- Quick-response motion ensures quick user acceptance
- Deters unauthorized entry attempts
- Compatible with all access control systems
- Compliant with most international disability regulations

### Function

ELSmart Integrated Electronic Gate is designed to ensure only one person gains access for each authorized card presented. In the case of Glass or arm barriers, the system uses active infrared beams

to create an invisible electronic field between two pedestals. These beams are controlled by a microprocessor utilizing neural network technology designed to monitor the movement of people with pinpoint accuracy.

As well as monitoring for unauthorized entry and exit, the EISmart Integrated Electronic Gate can also detect tailgating, collusion, obstruction, non-entry and assist any anti pass-back features in the access control system.

### Secure Two-Stage Alarm Response

EISmart Integrated Electronic Gate functions automatically and in the event that someone enters without an authorized card an alarm will sound. If that person then attempts to push past the glass barrier then a second louder alarm will sound and a secondary relay will be activated, which can be used to control stricter security actions such as triggering CCTV, locking doors or controlling elevators.

### User Friendly and Safe

The EISmart Integrated Electronic Gate barriers feature variable torque and speed settings to tailor the units to specific applications. The infrared beams monitor the area near the barrier; if an object is detected in the path of the barrier, it slows to a crawl until the obstruction is removed. The EISmart Integrated Electronic Gate can integrate with a fire alarm system so that in an emergency the barriers automatically open in the exit direction to allow for free emergency egress. In a power failure, the barriers can be gently pushed out of the way.

### Disabled Access

EISmart Integrated Electronic Gate is fully compliant with the UK Disabilities Act (DDA) as well as most similar international standards. Audio/Visual feedback is provided as standard and the lane provides for unhindered wheelchair access without the need for a separate pass gate.

Designed to provide a superior level of security, the Electronic Gate features interchangeable decorative tops, giving a virtually unlimited choice of materials, to easily blend the unit in to the fabric of the building. Integral card reader mounting options are available to give the most discreet overall finish possible.



full height turnstile



Electronic Gate with EISmart FP Bio



EISmart Integrated Electronic Gate