

**Acer  
Turnstile  
Gate**

## **Acer Turnstile Gate AG200 series**

**Ideal Passenger Access Control Device  
Easy to integrate with existing system**



AG200 series are turnstile gate devices suitable for e-Ticketing system in transportation industry, that it provides automatic ticket validation and acting as control devices for passenger access.

AG200 series can support 2 readers on both ends, one is for store value/e-purpose contactless cards, while the other one is for single trip ticket which is integrated within the ticket collection module. Depends on the requirement of e-ticketing operator, the reader or the ticket collection module can be installed or removed.

The whole gate is made out of stainless steel and the design complies with IP44, therefore it can sustain to a semi-outdoor environment and still being fully functional even in a dusty and humid environment. The design of the gate also bears the high passenger flow support in mind (over 40 people / min), therefore the inclination of the display and the reader surface had been carefully chosen to let the passenger passing through the aisle easily.

With AG200 series' modular design, it reduces the complexity of maintenance and operation significantly, so that it can let the operator provide fast and flexible services. And the mal-function modules can be replaced within minutes.

AG200 series provides automatic unlock feature while it is in the powerless state. When there is emergency event that needs to evacuate the passengers in the station or closed area protected by the gates, all the operators need to do is to turn down the power, then the gate will fall into a free rotate state allowing maximum volume of people flow to pass by the gates.

## Features:

1. E-ticket and e-token validation
2. Fast throughput
3. Offline operation up to 30 days.
4. Two contactless readers with 4 SAM slots
5. Support various fare rates including fixed rate and mileage based variable rate
6. 7 inch TFT LCD display.
7. Two direction indicators
8. Two passenger counters with each 6 digits.
9. The third passenger counter works without power.
10. Automatic emergency opening with unobstructed walkway
11. Card rejection mechanism.

## Specifications:

### System

Capacity	Processor: 32 bits Microprocessor Operating System: Linux 2.6 Memory: 128 MB RAM
Display	7" TFT LCD, 800 x 480 pixel resolution
Contactless Reader	Support Mifare cards, ISO14443 type A & B Support 4 SAM slots
External Interfaces	10 BaseT Ethernet with RJ-45 jack RS-232 x 1 USB Port x 1
User Interface	Direction Indicator x 2 Passenger Counter x 2 Beeper x 2

### Card Collector

Contactless Reader	Support Mifare cards, ISO14443 type A & B Support 4 SAM slots
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### Rotary Head

Passage Width	48 cm
Reliability	MCBF>1,000,000 cycles MTTR<=10 min
Pass Speed	40 person per min
Response Time	0.15 sec
External Interfaces	Emergency open signaling system

### Mechanical

Dimension(LxWxH)	1400 x 290 x 1080mm(Arm length: 48 cm)
Weight	82 kg
Construction Material	SUS-304 Stainless steel
Power Requirements	Voltage: 230 VAC at 50/60 Hz, 1 Phase

### Environmental

Operating Temperature	0 to 45°C
Storage Temperature	-20 to 80°C
Operating Humidity	0% to 95% non-condensing
Storage Humidity	0% to 95% non-condensing
Ingress Protection	IP44



### Contact Information

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