

# FLAP BARRIER

## IDT FB200/FB220



6 million  
movement  
life



3-4 Pairs  
Infrared



24 V DC  
Brushless Motor,  
Low Noise



Negligible  
Maintenance



Illegal Intrusion  
Infrared  
Alarm



Auto Self  
Inspection

IDT FB200/IDT FB220 is a fully automatic Flap gate barrier that is driven by a 24V brushless DC motor, which supports multiple opening modes like ID & IC card swiping, other reading head verification opening, infrared induction automatic opening, button opening, etc. The device has accurate identification techniques with protection and safety functions like electro-mechanical anti-collision, infrared anti-pinch, and illegal intrusion infrared alarm. The device ensures rapid, efficient, and safe access control and very convenient and easy-to-use features.

## FEATURES

- The guide rail type movement structure makes the operation more stable
- The mechanical part adopts the CNC process, and the connector adopts a high-temperature quenching process, which will not deform after long-term operation
- It has the function of fault self-test and alarm prompt, with its inbuilt voice prompt function, which is convenient for users to maintain and use
- Infrared alarm for illegal intrusion
- It has an automatic reset function. After opening the gate, if there is no passage within the specified time, the system will automatically cancel the user's permission to pass this time.
- The standard is automatic reset 3 seconds after opening
- Audible and visual alarm function: including illegal intrusion, trailing alarm and closing the gate

## TECHNICAL SPECIFICATION

<b>Model</b>	IDT FB200/FB220
<b>Size</b>	1200mm x 300mm x 1000mm
<b>Unlock Time</b>	0.2s
<b>Material Structure</b>	304 original brushed stainless steel, acrylic
<b>Channel Width</b>	600mm
<b>Thickness</b>	The full thickness of the outer box is 1.2 + 1.0mm
<b>Driver Motor</b>	24 V DC brushless motor, low noise
<b>Traffic Speed</b>	35-40 people/min in normal open mode and 30-35 people/min in normally closed mode
<b>Movement structure</b>	Guide rail structure
<b>Traffic Direction</b>	One-way traffic/Two-way traffic
<b>Opening Mode</b>	ID/IC Card swiping and other reading head verification opening, infrared induction automatic opening, button opening, etc.
<b>Opening Signal</b>	Dry contact signal
<b>Protection Function</b>	Current anti-pinch, infrared anti-pinch, illegal intrusion infrared alarm
<b>Service Life</b>	≥6 million times
<b>Infrared Quantity</b>	3 pairs (4 pairs can be customized)
<b>Power</b>	30-60 Watt
<b>Applicable Temperature</b>	-15°C ~ +75°C
<b>Optional</b>	Accessories

## ORDER INFORMATION

<b>Part No.</b>	IDT.FB.200 IDT.FB.220
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## APPLICATION AREA



Residential



Health



Educational  
Institute



Government



Defense



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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