Intelligent turnstile gate for human passage
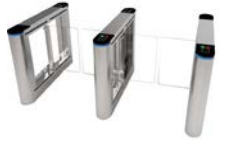
Vidosoft™

Intelligent turnstile gate

The Intelligent turnstile gate is convenient. It is compatible with different card-reading recognition devices, to name but a few, the IC cards, ID cards, barcode cards, fingerprints and face recognition systems. It provides a civilised, ordered passage for staffs and visitors, allowing effective management of the entrance and leaving of personnel.

The turnstile gate can be widely applied to any occasions which aims to actualize intelligent management to their passage, for instance, bus stops, piers, subways(e.g.mtr), factories, commercial buildings, intelligent residences, hotels and clubhouses.

Features

- Equipped with self-checking function for defects and emergency reporting function for convenient usage and maintenance for users.
- Built-in buttons in the motherboards allow online programming of the operating status of the device.
- Ensure non-contact passage, Whenever encounter obstacles, the barrier will stop closing within the assigned time with little strength.
- Prevention of improper passage, the barrier get locked before receiving any signals to remove the barrier.
- Flexible adjustment of barrier closure in terms of synchronicity (only applicable to two-barrier device).

- Auto-closure function: in case of no passage within a designated time after gate opening, the system will automatically cancel the passage right of the users.
- To fulfill different venues' need, the cut of electrical supply can be set as always open and always close.
- able to connect different card-reading device, to receive signals from relay to work.
- unilateral or bilateral swinging direction, allow controlling officers to pass the gate from both directions.
- can use the manage calculator to realise distant control and management.

Specifications

Model	VDT-KS-B1205	VDT-KS-BL1205	VDT-KS-B1206	VDT-KS-BL1206
Photo				
Type	Swing Gate			
Housing dimensions (Length x Width x Height)	1200 x 200 x 1000mm	1400 x 200 x 1000mm	1200 x 200 x 1000mm	1400 x 200 x 1000mm
Passage width	≤800mm	≤1000mm	≤600mm	≤900mm
Weight	Single motor：≈40kg 2 motor：≈50Kg			
Sliding angle of the barrier	180°			
Sliding direction	Unilateral or bilateral			
Housing material	Stainless steel 304 (meeting the standard of the state)			
Normal service life	More than 1000W times			
Communicating port	Switch / RS-485 / RS-232			
Communicating distance	1200m			
Passage rate	48 people/minute(always open), 25-30 people/minute(always close), Gate opening/closuretime：1-2seconds			
Launching time	3 seconds			
Auto-closure time after malfunction	10 seconds			
Cardreader window	2			
Temperature	-15℃-60℃			
Humidity	5% - 90%			
Power voltage	AC220±10V, 50HZ			
Starting motor	Brushless DC motor 140W/24V			
Protection Level	IP55			
LED guiding light	1			
Operating environment	Indoor, outdoor			
Order model	VDT-KS-B1205-L：single motor(Left) VDT-KS-B1205-R：single motor(Right) VDT-KS-B1205-M：2 motor(Middle)	VDT-KS-BL1205-L：single motor(Left) VDT-KS-BL1205-R：single motor(Right) VDT-KS-BL1205-M：2 motor(Middle)	VDT-KS-B1206-L：single motor(Left) VDT-KS-B1206-R：single motor(Right) VDT-KS-B1206-M：2 motor(Middle)	VDT-KS-BL1206-L：single motor(Left) VDT-KS-BL1206-R：single motor(Right) VDT-KS-BL1206-M：2 motor(Middle)

All specifications may change without prior notification.

Specifications

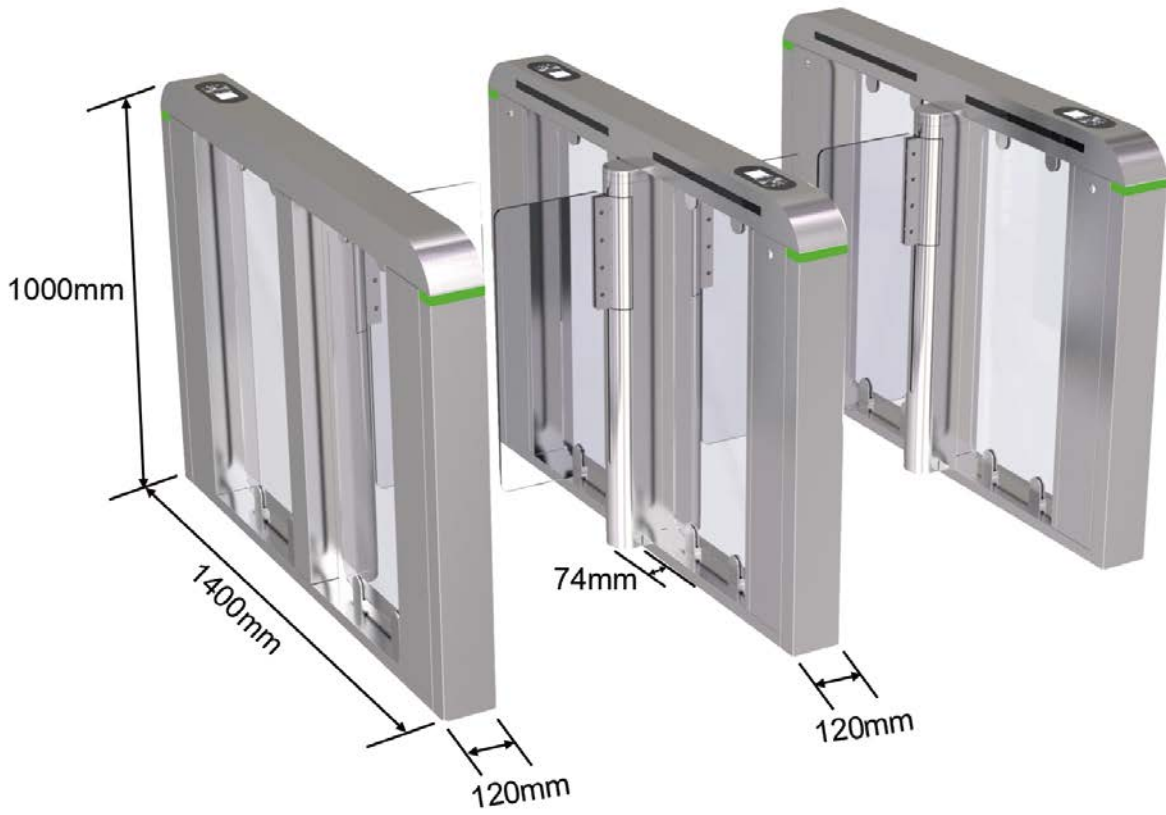| Model	VDT-KB-1104	VDT-KB-1106	VDT-KB-1108
Photo			
Type	Tripod Turnstile		
Housing dimensions (Length x Width x Height)	1200 x 280 x 980mm		
Passage width	≤550mm		
Weight	28Kg		
Sliding angle of the barrier	360°		
Sliding direction	Unilateral or bilateral		
Housing material	Stainless steel 304 (meeting the standard of the state)		
Normal service life	More than 1000W times		
Communicating port	Switch / RS-485 / RS-232		
Communicating distance	1200m		
Passage rate	48 people/minute(always open), 25-30 people/minute(always close), Gate opening/closuretime：1-2seconds		
Launching time	-		
Auto-closure time after malfunction	-		
Cardreader window	2		
Temperature	-15℃-60℃		
Humidity	5% - 90%		
Power voltage	AC220±10V, 50HZ		
Starting motor	Electromagnet		
Protection Level	IP55		
LED guiding light	1		
Operating environment	Indoor, outdoor		
Order model	VDT-KB-1104	VDT-KB-1106	VDT-KB-1108

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Specifications

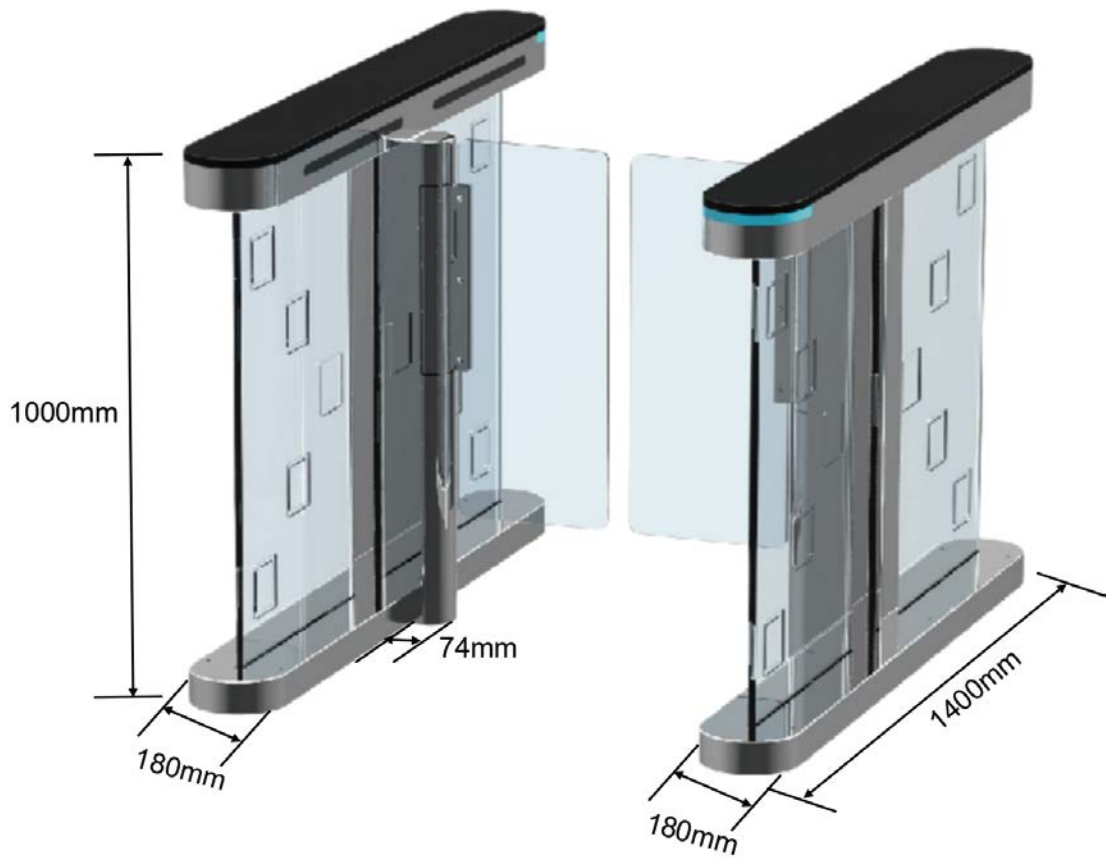| Model	VDT-KS-T1867	VDT-KT-1871	VDT-KT-1875
Photo			
Type	Speedlane Swing		
Housing dimensions (Length x Width x Height)	1400 x 194 (120 + 74) x 1000mm		1400 x 254 (180 + 74) x 1000mm
Passage width	≤750mm		
Weight	Single motor：≈40kg 2 motor：≈50Kg		
Sliding angle of the barrier	180°		
Sliding direction	Unilateral or bilateral		
Housing material	Stainless steel 304 (meeting the standard of the state)		
Normal service life	More than 1000W times		
Communicating port	Switch / RS-485 / RS-232		
Communicating distance	1200m		
Passage rate	48 people/minute(always open), 25-30 people/minute(always close), Gate opening/closuretime：1-2seconds		
Launching time	-		
Auto-closure time after malfunction	-		
Cardreader window	2		
Temperature	-15°C-60°C		
Humidity	5% - 90%		
Power voltage	AC220±10V, 50HZ		
Starting motor	Brushless DC motor 140W/24V		
Protection Level	IP55		
LED guiding light	1		
Operating environment	Indoor, outdoor		
Order model	VDT-KS-T1867-L: single motor(Left) VDT-KS-T1867-R: single motor(Right) VDT-KS-T1867-M: 2 motor(Middle)	VDT-KT-1871-L: single motor(Left) VDT-KT-1871-R: single motor(Right) VDT-KT-1871-M: 2 motor(Middle)	VDT-KT-1875-L: single motor(Left) VDT-KT-1875-R: single motor(Right) VDT-KT-1875-M: 2 motor(Middle)

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Dimensions

1000mm

1400mm

74mm

120mm

120mm

1000mm

74mm

180mm

1400mm

180mm

Specifications

Model	VDT-KY-1310	VDT-KY-1311
Photo		
Type	Flap Barrier	
Housing dimensions (Length x Width x Height)	1200 x 300 x 980mm	
Passage width	≤550mm	
Weight	Single motor: ≈ 40Kg 2 motor: ≈ 50Kg	
Sliding angle of the barrier	Retract	
Sliding direction	Unilateral or bilateral	
Housing material	Stainless steel 304 (meeting the standard of the state)	
Normal service life	More than 500W times	
Communicating port	Switch / RS-485 / RS-232	
Communicating distance	1200m	
Passage rate	48 people/minute (always open), 25-30 people/minute (always close), Gate opening/closure time: 1-2 seconds	
Launching time	-	
Auto-closure time after malfunction	-	
Cardreader window	2	
Temperature	-15°C - 60°C	
Humidity	5% - 90%	
Power voltage	AC220±10V, 50HZ	
Starting motor	Brushed DC Motor 140W/24V	
Protection Level	IP55	
LED guiding light	1	
Operating environment	Indoor, outdoor	
Order model	VDT-KY-1310-L: single motor(Left) VDT-KY-1310-R: single motor(Right) VDT-KY-1310-M: 2 motor(Middle)	VDT-KY-1311-L: single motor(Left) VDT-KY-13114-R: single motor(Right) VDT-KY-1311-M: 2 motor(Middle)

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Specifications

Model	VDT-KT-1866	VDT-KS-B1211	VDT-KS-B1214
Photo			
Type	Cylindrical swing gate		
Housing dimensions (Diameter x Height)	168 x 1000mm	168 x 1050mm	
Passage width	≤800mm	≤850mm	
Weight	40Kg	20Kg	
Sliding angle of the barrier	180°		
Sliding direction	Unilateral or bilateral		
Housing material	Stainless steel 304 (meeting the standard of the state)		
Normal service life	More than 1000W times		
Communicating port	Switch / RS-485 / RS-232		
Communicating distance	1200m		
Passage rate	48 people/minute (always open), 25-30 people/minute (always close), Gate opening/closure time: 1-2 seconds		
Launching time	-		
Auto-closure time after malfunction	-		
Cardreader window	-		
Temperature	-15℃ - 60℃		
Humidity	5% - 90%		
Power voltage	AC220±10V, 50HZ		
Starting motor	Brushless		
Protection Level	IP55		
LED guiding light	1	-	
Operating environment	Indoor, outdoor		
Order model	VDT-KT-1866	VDT-KS-B1211	VDT-KS-B1214

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Specifications

Model	VDT-KP-1528	VDT-KZ-1635
Photo		
Type	Translstion gate	Full Height Turnstile
Housing dimensions (Length x Width x Height)	1350 x 330 x 980mm	1350 x 1500 x 2300mm
Passage width	≤600mm	≤550mm
Weight	Single motor: ≈ 60Kg 2 motor: ≈ 80Kg	-
Sliding angle of the barrier	Retract	90°
Sliding direction	Unilateral or bilateral	
Housing material	Stainless steel 304 (meeting the standard of the state)	
Normal service life	More than 500W times	-
Communicating port	Switch / RS-485 / RS-232	Switch / RS-485
Communicating distance	1200m	
Passage rate	48 people/minute (always open), 25-30 people/minute (always close), Gate opening/closure time: 1-2 seconds	30 people/minute (always open), 20 people/minute (always close), Gate opening/closure time: 2-3 seconds
Launching time	-	
Auto-closure time after malfunction	-	
Cardreader window	2	1
Temperature	-15℃ - 60℃	
Humidity	5% - 90%	
Power voltage	AC220±10V, 50HZ	
Starting motor	Brushless DC motor 140W/24V	12V
Protection Level	IP55	
LED guiding light	1	-
Operating environment	Indoor, outdoor	
Order model	VDT-KP-1528-L: single motor(Left) VDT-KP-1528-R: single motor(Right) VDT-KP-1528-M: 2 motor(Middle)	VDT-KZ-1635

All specifications may change without prior notification.