DS-K6B530TX/Modular
Smart Pro Swing Barriers

- Support PC & Mobile web configuration and self-diagnosis for maintenance.

- AP mode function for mobile phones (Android) to access more easily by a simple touch via NFC tag.

- Fire linkage: When the fire signal is triggered, the barrier will be open automatically for emergency evacuation.

- Supports built-in face recognition camera module on the top of cover, easy and convenient.

- Anti-passback: Supports cross-device anti-passback function, effectively preventing unauthorized personnel from following in.

- Super capacitor can realize automatic door opening in case of power failure.

- Modular design, peripherals are purchased separately and plug-and-play.

- Support remote control keyfob & receiver (433MHz or 868MHz) optional.

▪ Specification

System	
Motor	Servo motor
MCBF	≥ 12 million times
dToF sensor	× 14
Video	
Lens	Dual lens
Video compression standard	H.264
Resolution	2 MP
FOV	Horizontal: 75° Vertical: 139°
WDR	Support
Video standard	PAL by default, support NTSC
Network	
Wired network	10/100 Mbps self-adaptive Ethernet
Wi-Fi	For AP mode only
Interface	
Network interface	× 1
Alarm output	× 4
RS-485	Main: 1 Sub: 1
RS-232	Main: 1 Sub: 1
Wiegand	Main: 1 Sub: 1
USB	Main: 1 Sub: 1
Fire alarm input	1
Case input	Main: 1 Sub: 1
Hardware	
Access controller	Supplied
Supercapacitor	Supplied
Network switch	Not supplied
Capacity	
Face capacity	100,000
Card capacity	200,000
Event capacity	100,000
Authentication	
QR code	Optional
Face recognition distance	0.5 m to 2 m
Face recognition accuracy rate	> 99%
Face recognition duration	< 200 ms
Function	
Configuration via PC Web	Support

Configuration via mobile Web	Support
Hik-Connect	Support
Multi-factor authentication	Support
Face anti-spoofing	Support
Face mask recognition	Support
Built-in face recognition	Support
Communication protocol	ISAPI
General	
Throughput	30 to 60 persons per minute
	The actual throughput is affected by the person passing rate and passing method.
Lane width	550 mm to 1400 mm (21.65" to 55.12")
Barrier material	10 mm acrylic glass
Pedestal material	SUS304 stainless steel with the thickness of 1.2 to 1.5 mm (0.05" to 0.06")
Indicator	Lane status indicator, authentication indicator, barrier light, etc.
Power consumption	Standby: 70 W
	Working: 120 W
	Peak: 160 W
Working temperature	-20 °C to 70 °C (-4 °F to 158 °F)
Working humidity	10% to 95% (No Condensing)
Protective level	IPX4
Dimensions	With packaging: 1600 mm × 400 mm × 1283 mm (63.0" × 15.7" × 50.5")
	Without packaging: 1500 mm × 130 mm × 1000 mm (59.1" × 5.1" × 39.4")
Weight	Net: Left: 62.78 kg (138.41 lb) Right: 64.78 kg (142.8 lb) Gross: Left: 101.18 kg (223.1 lb)
	Right: 103.18 kg (227.5 lb)
Power supply method	100-240V ~ ,50Hz/60Hz
Language	English, Japanese, Thai, Indonesian, Russian, Spain (European), Spain (Latin America),
	Portugal (Brazil), Arabic, Kazakh, Uzbek, Ukraine
Interconnecting cable length	5.5 m
USB configuration tool	Support

▪ Note

The main element of the turnstile is stainless steel, which is rust less (antioxidant) and corrosion resistant (The anti-corrosion ability in the medium of acid, alkali, and salt). In order to keep the stainless steel from being oxidized or corroded, you should clean and care the turnstile surface periodically.
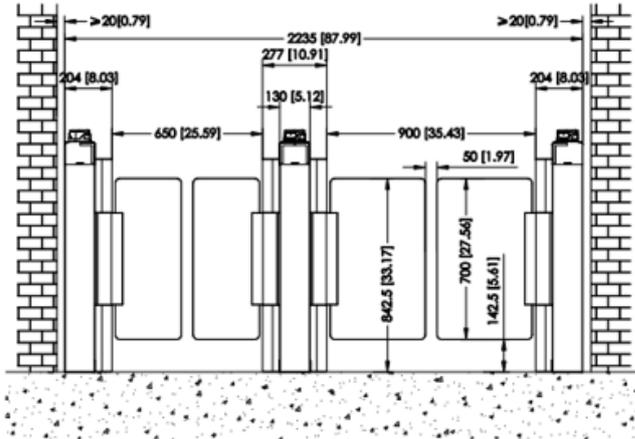
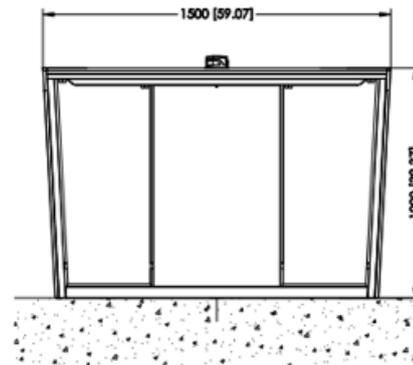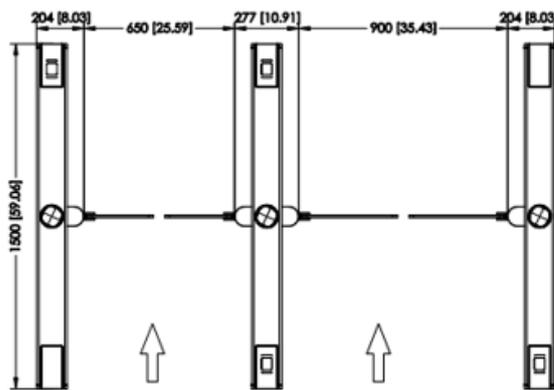| The instructions and tips for maintaining the turnstile are as follows: |
|---|
| 1. Select different stainless steel types according to the variety of the environments. You can select 304 stainless steel for common circumstances and 316 stainless steel for the scenarios of seaside and chemical plants. |
| 2. Keep the device surface clean and dry. |
| 3. Use non-woven cloth and ethyl alcohol to clean the dirt on the device surface. |
| 4. Use sourcing pad (do not use mesh cleaning ball) to clean the rust on the device surface by following the wire drawing on the stainless steel. And then use non-woven cloth and stainless steel cleaner to wipe the device surface. |
| 5. Clean and maintain the device by using non-woven cloth and stainless steel cleaner periodically. It is suggested to clean the device every month in common circumstances and every week for severe environments (seaside and chemical plants for instance). |

▪ **Available Model**

DS-K6B530TX/Modular

▪ **Dimension**

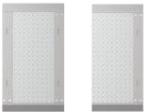FRONT VIEW

SIDE VIEW

Entrance

PLAN VIEW

Unit:mm[inch]

▪ **Accessory**

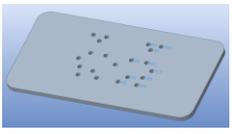▪ **Included**

DS-KEB20-AC

▪ **Optional**

DS-K7R05-433	DS-K7R05-868	DS-KEB01-RK/Modular	DS-KER02X	DS-KER01X
DS-KSD55-P	DS-K7R83X	DS-K7B01	DS-KSM01/B530	DS-KSM03-T

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