

## **DS-K6B961TX (Left, Right and Middle) Prime Pass Swing Barriers**

- 6.95-inch display screen and built-in face recognition module.
- Supports PC & Mobile web configuration and self-diagnosis for maintenance.
- AP mode 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.
- Direct-drive servo motor provide a longer lifespan and more silence experience.
- Colorful light strips bring better interaction and passing experience.

## · Specification

| System                     |                                   |
|----------------------------|-----------------------------------|
| Motor                      | Direct-Drive servo motor          |
| MCBF                       | ≥ 30 million times                |
| Brake                      | Support                           |
| Door open duration         | 5 to 60 sec                       |
| dToF sensor                | × 24                              |
| Display                    |                                   |
| Screen size                | 6.95-inch                         |
| Operation method           | Display screen                    |
| Type                       | IPS screen                        |
| Resolution                 | 600 × 1024                        |
| Video                      |                                   |
| Lens                       | Dual lens                         |
| Video compression standard | H.264                             |
| Resolution                 | 2 MP                              |
| FOV                        | Horizontal: 59°<br>Vertical: 108° |
| WDR                        | Support                           |
| Video standard             | PAL by default, support NTSC      |
| Focal length               | 2.8mm                             |
| Aperture                   | F1.6                              |
| Audio                      |                                   |
| Audio compression standard | G.711U                            |
| Audio compression bitrate  | 16 Kbps                           |
| Audio output               | Support                           |
| Volume adjustment          | Support                           |
| Power output               | 5.5W                              |
| Network                    |                                   |
| Wired network              | Support,10M/100M                  |
| Wi-Fi                      | For AP mode only                  |
| Interface                  |                                   |
| Network interface          | 2                                 |
| Lock control               | NA                                |
| Exit button                | Main: 1<br>Sub: 1                 |
| Alarm output               | 4                                 |

|                                |                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------|
| TAMPER                         | 2                                                                                               |
| RS-485                         | Main: 1<br>Sub: 1                                                                               |
| RS-232                         | Main: 1<br>Sub: 1                                                                               |
| Wiegand                        | Main: 1<br>Sub: 1                                                                               |
| USB                            | Main: 1<br>Sub: 1                                                                               |
| Fire alarm input               | 1                                                                                               |
| Case input                     | 2                                                                                               |
| <b>Hardware</b>                |                                                                                                 |
| Access controller              | Support                                                                                         |
| Supercapacitor                 | Support                                                                                         |
| Network switch                 | Not supplied                                                                                    |
| <b>Capacity</b>                |                                                                                                 |
| Face capacity                  | 100,000                                                                                         |
| Card capacity                  | 500,000                                                                                         |
| Event capacity                 | 1000,000                                                                                        |
| <b>Authentication</b>          |                                                                                                 |
| Face recognition distance      | 0 m to 2 m                                                                                      |
| Face recognition accuracy rate | > 99%                                                                                           |
| Face recognition duration      | < 200 ms                                                                                        |
| Card                           | EM card or M1 card or Desfire card (actual corresponding card type refer to product model name) |
| Card reading frequency         | 13.56 MHz or 125 KHz                                                                            |
| Card reading distance          | 3cm                                                                                             |
| Card reading duration          | < 1s                                                                                            |
| <b>Function</b>                |                                                                                                 |
| 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                                                                                           |
| <b>General</b>                 |                                                                                                 |

|                              |                                                                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lane width                   | 900 mm                                                                                                                                                                                |
| Barrier material             | 10 mm acrylic glass                                                                                                                                                                   |
| Pedestal material            | SUS304 stainless steel 2.0 mm                                                                                                                                                         |
| Indicator                    | Lane status indicator, authentication indicator and barrier light                                                                                                                     |
| Power consumption            | Standby: 100 W<br>Working: 220 W<br>Peak: 380 W                                                                                                                                       |
| Working temperature          | -20 °C to 55 °C (4 °F to 131 °F)                                                                                                                                                      |
| Working humidity             | 10% to 95% (No condensing)                                                                                                                                                            |
| Protective level             | IPX4                                                                                                                                                                                  |
| Dimensions                   | Without package: 1651 mm × 117 mm × 1020 mm (65.0" × 4.6" × 40.2")<br>With package: 1905 mm × 550 mm × 1330 mm (75.0" × 27.1" × 52.4")                                                |
| Weight                       | Net:<br>Left: 104 kg (229.3 lb)<br>Middle: 133 kg (293.2 lb)<br>Right: 104 kg(229.3 lb)<br>Gross:<br>Left: 162 kg (357.2 lb)<br>Middle: 191 kg (421.1 lb)<br>Right: 162 kg (357.2 lb) |
| Power supply method          | Middle:100-120V~/200-240V~,50Hz/60Hz,1.6A; Side: 100-240V~,50Hz/60Hz,0.8A                                                                                                             |
| Language                     | English, Japanese, Thai, Indonesian, Russian, Spain (European), Spain (Latin America), Portugal (Brazil), Arabic, Kazakh, Uzbek, Ukraine                                              |
| Interconnecting cable length | 5.5m                                                                                                                                                                                  |
| <b>Configuration</b>         |                                                                                                                                                                                       |
| Lane width                   | 900 mm                                                                                                                                                                                |
| Pedestal length              | 1651.3 mm                                                                                                                                                                             |
| Module selection             | YES                                                                                                                                                                                   |
| Pedestal width               | 116.8 mm                                                                                                                                                                              |
| Wall distance                | 20 mm                                                                                                                                                                                 |
| Base                         | YES                                                                                                                                                                                   |
| Barrier material             | Acrylic glass                                                                                                                                                                         |
| Application environment      | indoor                                                                                                                                                                                |
| Authentication mode          | Card,Face,QR code                                                                                                                                                                     |
| Card type                    | EM,Desfire                                                                                                                                                                            |
| Recommended width            | 900 mm                                                                                                                                                                                |
| Base model                   | DS-KSM01/B961                                                                                                                                                                         |
| Product type                 | Swing barrier                                                                                                                                                                         |
| Remote controller type       | 433Mhz,868Mhz                                                                                                                                                                         |

|                           |                   |
|---------------------------|-------------------|
| Movement Protrusion Width | 62.5 mm           |
| Door wing gap             | Default:50mm      |
| Convert Face              | NO                |
| Door Height               | Default(0.94m)    |
| Integrated Auth           | Card;Face;QR code |

## • 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-K6B961TEQX-L/Dp110  
DS-K6B961TDQX-M/Dp65  
DS-K6B961TDQX-M/Dp65-90  
DS-K6B961TDQX-M/Dp90-65  
DS-K6B961TDQX-M/Dp90  
DS-K6B961TDQX-M/Dp65-110  
DS-K6B961TDQX-M/Dp110-65  
DS-K6B961TEQX-M/Dp65  
DS-K6B961TDQX-L/Dp75  
DS-K6B961TEQX-M/Dp90-110  
DS-K6B961TEQX-M/Dp65-110  
DS-K6B961TEQX-M/Dp110-65  
DS-K6B961TDQX-R/Dp90  
DS-K6B961TEQX-R/Dp65  
DS-K6B961TEQX-R/Dp90  
DS-K6B961TEQX-R/Dp110  
DS-K6B961TDQX-L/Dp65  
DS-K6B961TEQX-M/Dp65-90  
DS-K6B961TEQX-M/Dp90-65  
DS-K6B961TEQX-M/Dp90  
DS-K6B961TEQX-M/Dp75-110  
DS-K6B961TDQX-R/Dp110  
DS-K6B961TDQX-L/Dp90  
DS-K6B961TDQX-R/Dp65  
DS-K6B961TDQX-R/Dp65/868  
DS-K6B961TDQX-L/Dp110  
DS-K6B961TEQX-L/Dp65  
DS-K6B961TEQX-L/Dp90  
DS-K6B961TX-LR/Dp90/Ia  
DS-K6B961TDQX-M/Dp110  
DS-K6B961TDQX-M/Dp75  
DS-K6B961TDQX-R/Dp75

# See Far, Go Further



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