

## **DS-K3G501CX** **Pro Tripod Turnstile**



- Valid passing duration settings: system will cancel the passing permission if a person does not pass through the lane within the valid passing duration.
- Fire alarm passing: when the fire alarm is triggered, the barrier will be dropped automatically for emergency evacuation.
- Bidirectional (entering/exiting) lane.
- Easy to configuration though PC web & Mobile web.
- Support remote control keyfob 433MHz or 868MHz optional.
- Support speaker function by self-define voice file MP3 format.

## ▪ Specification

| System                       |                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Motor                        | /                                                                                                                                     |
| MCBF                         | ≥ 3 million times                                                                                                                     |
| Network                      |                                                                                                                                       |
| Wired network                | 10/100 Mbps self-adaptive Ethernet                                                                                                    |
| Interface                    |                                                                                                                                       |
| Network interface            | 1                                                                                                                                     |
| Lock control                 | 2                                                                                                                                     |
| Exit button                  | 2                                                                                                                                     |
| Alarm output                 | 2                                                                                                                                     |
| RS-485                       | 4                                                                                                                                     |
| RS-232                       | 2                                                                                                                                     |
| Wiegand                      | 2                                                                                                                                     |
| Fire alarm input             | 1                                                                                                                                     |
| Case input                   | 2                                                                                                                                     |
| Hardware                     |                                                                                                                                       |
| Access controller            | Supplied                                                                                                                              |
| Capacity                     |                                                                                                                                       |
| Card capacity                | 500,000                                                                                                                               |
| Event capacity               | 500,000                                                                                                                               |
| Authentication               |                                                                                                                                       |
| Card                         | EM card or M1 card (actual corresponding card type refer to product model names).                                                     |
| Function                     |                                                                                                                                       |
| Configuration via PC Web     | Support                                                                                                                               |
| Configuration via mobile Web | Support                                                                                                                               |
| Audio prompt                 | Support                                                                                                                               |
| Communication protocol       | ISAPI                                                                                                                                 |
| Keypad configuration         | Support                                                                                                                               |
| Keyfob                       | Support, 433 MHz/868 MHz, within 50 m                                                                                                 |
| General                      |                                                                                                                                       |
| Throughput                   | 30 to 60 persons per minute<br>The actual throughput is affected by the person passing rate and passing method.                       |
| Lane width                   | 550 mm (21.65")                                                                                                                       |
| Barrier material             | 1.2 mm stainless pipe                                                                                                                 |
| Pedestal material            | SUS304 stainless steel 1.5 mm                                                                                                         |
| Power consumption            | Standby: 20 W<br>Working: 35 W<br>Peak: 45 W                                                                                          |
| Working temperature          | -20 °C to 65 °C (-4 °F to 149 °F)                                                                                                     |
| Working humidity             | 0% to 95% (No condensing)                                                                                                             |
| Protective level             | IPX4                                                                                                                                  |
| Dimensions                   | Without package: 232 mm × 960 mm × 1208 mm (9.1" × 37.8" × 47.6")<br>With package: 410 mm × 1180 mm × 1350 mm (16.1" × 46.5" × 53.1") |
| Weight                       | Without package: 41.78 kg (92.11 lb) With package : 51.45 kg (113.43 lb)                                                              |

|                           |                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| Approval                  | CE/CB/RoHS/REACH/WEEE                                                                                                |
| Power supply method       | Power supply: 100 to 240 VAC~, 50/60 Hz, 1A-0.5A                                                                     |
| Language                  | Arabic, Indonesian, Japanese, Kazakh, Portuguese (Brazil), Spanish (Mexico), Spanish (Spain), Thai, Russian, English |
| <b>Configuration</b>      |                                                                                                                      |
| Lane width                | 550                                                                                                                  |
| Pedestal length           | 1210 mm                                                                                                              |
| Module selection          | YES                                                                                                                  |
| Pedestal width            | 200 mm                                                                                                               |
| Wall distance             | 10 mm                                                                                                                |
| Base                      | YES                                                                                                                  |
| Barrier material          | Stainless steel pipe                                                                                                 |
| Application environment   | Indoor and outdoor                                                                                                   |
| Authentication mode       | Card, Face, QR code                                                                                                  |
| Card type                 | EM, M1                                                                                                               |
| Recommended width         | 550 mm                                                                                                               |
| Base model                | DS-KSM01/G501                                                                                                        |
| Side pedestal             | YES                                                                                                                  |
| Side pedestal type        | Empty (230 mm)/fence (130 mm)                                                                                        |
| Product type              | Tripod Turnstile                                                                                                     |
| Remote controller type    | 433Mhz, 868Mhz                                                                                                       |
| Movement Protrusion Width | 29 mm                                                                                                                |
| Door wing gap             | Default: 50mm                                                                                                        |
| Convert Face              | NO                                                                                                                   |

## ▪ 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-K3G501CX-R/Dm55/Modular

DS-K3G501CX-R/MPa-Dm55

DS-K3G501CX-R/M-Dm55

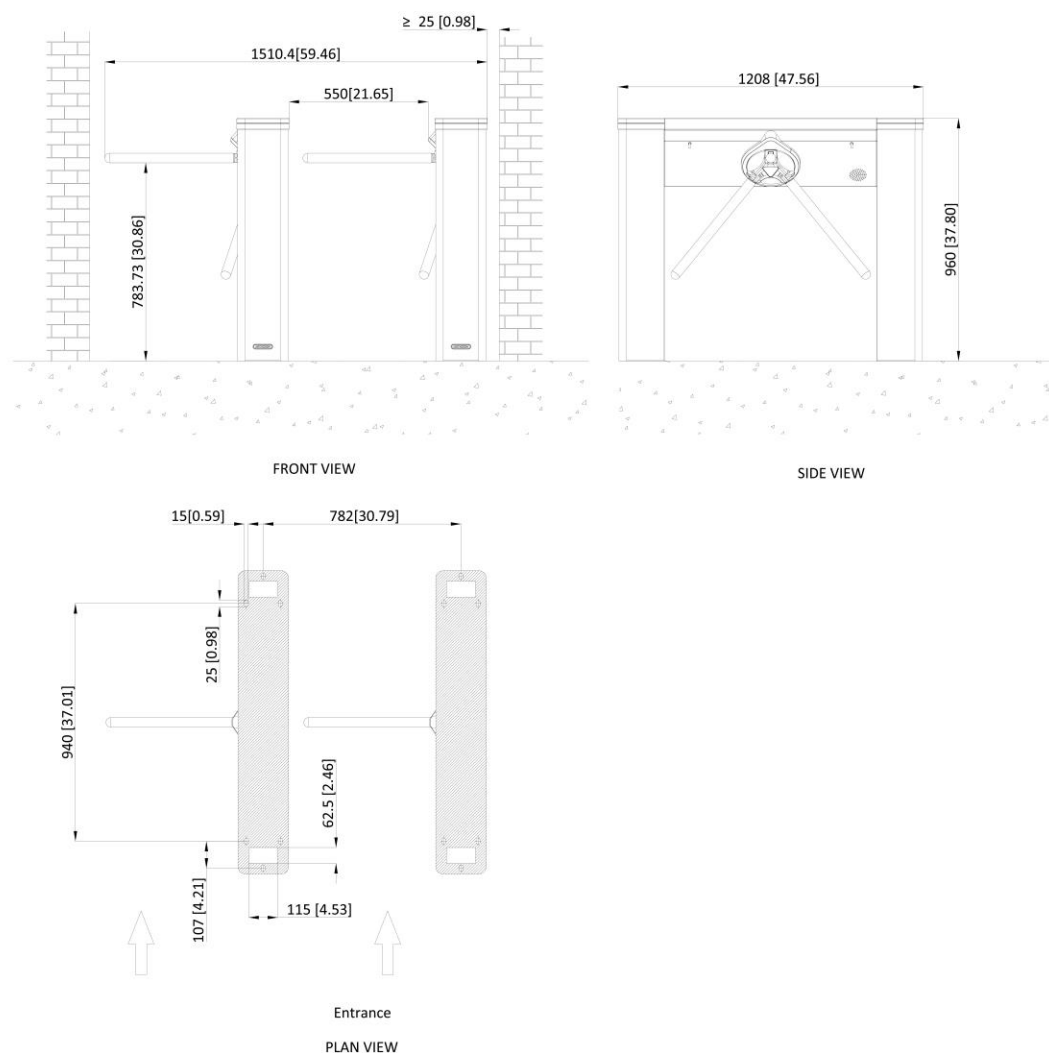
DS-K3G501CX-R/MPa-Dm55/868

DS-K3G501CX-R/Pa-Dm55/Modular

DS-K3G501CX-R/M-Dm55/868

DS-K3G501CX-R/MQ-Dm55

## ▪ Dimension



Unit: mm [inch]

SCALE 1:1

## ▪ Accessory

### ▪ Included

**DS-KSB02-Pa**

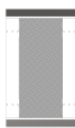


### ▪ Optional

**DS-K7CR01**

**DS-KSM01/G501**

**DS-K3G501X-S**



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