

## MARS S100 & S120

Single lane & dual-wing for addition in multi lane

## ARMATURA ONE



### OVERVIEW

The Mars-S100 series is compactest optical turnstile, meticulously crafted with precision and user experience at its core. Our product design seamlessly blends functionality with elegance, ensuring smooth operation and enhanced security in any environment. Mars-S100 is typical single lane that can work individually, Mars-S120 is additional lane commonly in multi lanes.

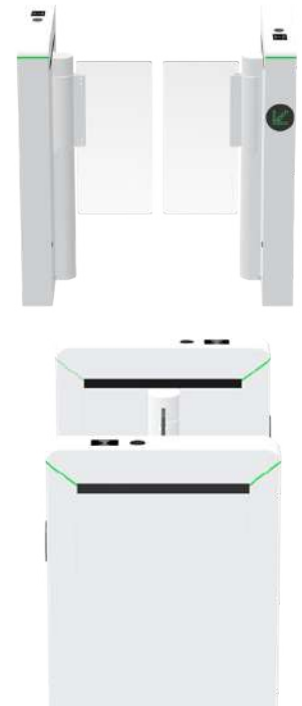
### DESIGN

Designed with user convenience in mind, our turnstile features intuitive controls and ergonomic design elements. Whether it's a simple push-button operation or advanced biometric authentication, accessing your premises has never been easier and more secure.

Crafted from high-quality materials, our turnstile boasts a sleek and modern aesthetic that complements any architectural setting. Its robust construction guarantees durability and reliability, capable of withstanding heavy foot traffic without compromising performance.

### QUALITY

The turnstile not only has durable coating on surface, also inside ensure certificated motor and durable electric parts. The whole device certificated by CE, FCC, UKCA, RoHS. Elevate your entrance experience with our innovative turnstile design. Combining cutting-edge technology with elegant aesthetics, it's the perfect solution for enhancing security and access control in any environment.



### FEATURES

- **Biometric Authentication:** Advanced biometric sensors allow for secure access control using fingerprints, facial recognition, or palm scanning, ensuring only authorized personnel can enter.
- **Contact-less Access:** Incorporates RFID card readers or NFC technology for hassle-free access, minimizing physical contact and enhancing user convenience.

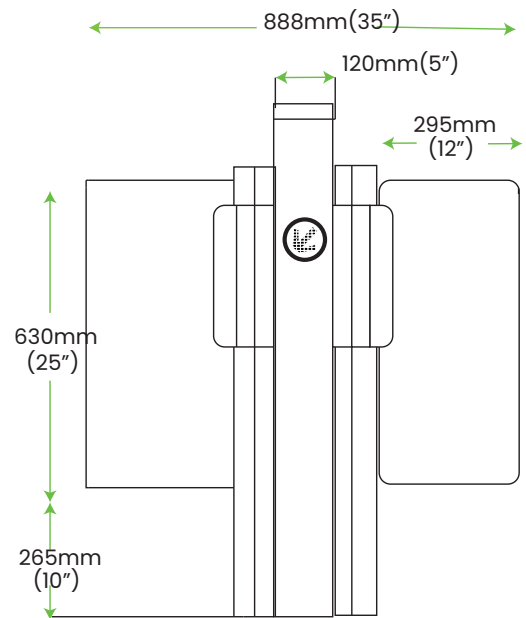
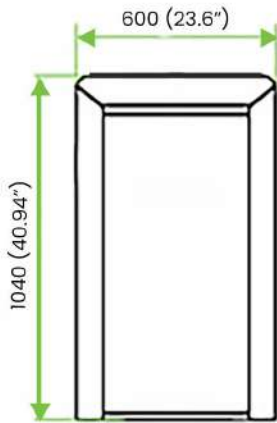
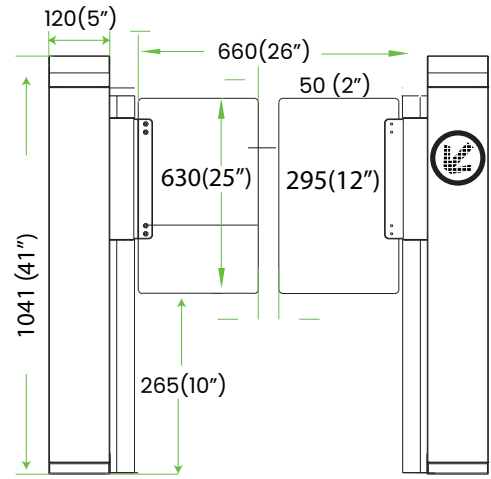
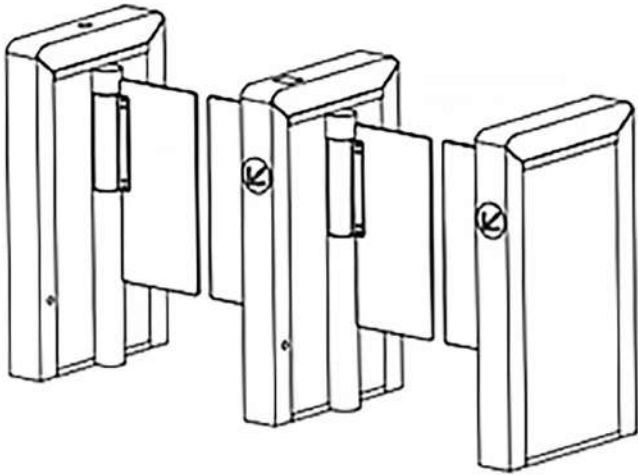
- **Safety and Security:** The turnstile not only prevent unauthorized people entry also standard with emergency mode that allow people feel free egress under power off/fire alarm situations.
- **Customizable Configurations:** Offers flexibility in lane width, direction control, and passage modes to accommodate various access control requirements and site layouts.
- **Durable Construction:** Built with high-quality materials cold rolled material, which using full welding process, and powder coating cosmetic, ensuring longevity and resistance to vandalism.
- **High Throughput:** Designed for high-traffic environments, capable of processing a large number of users efficiently without compromising security or causing congestion.

## Specifications

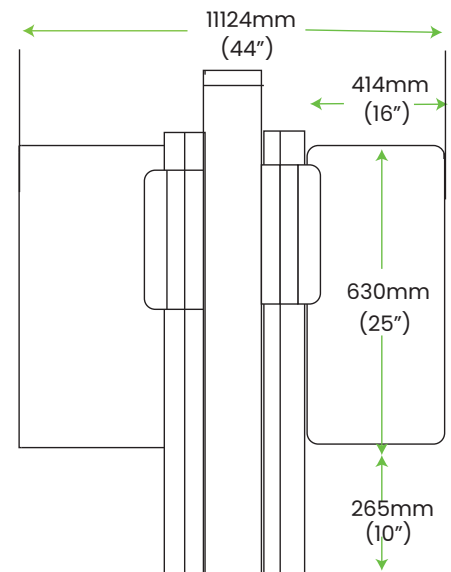
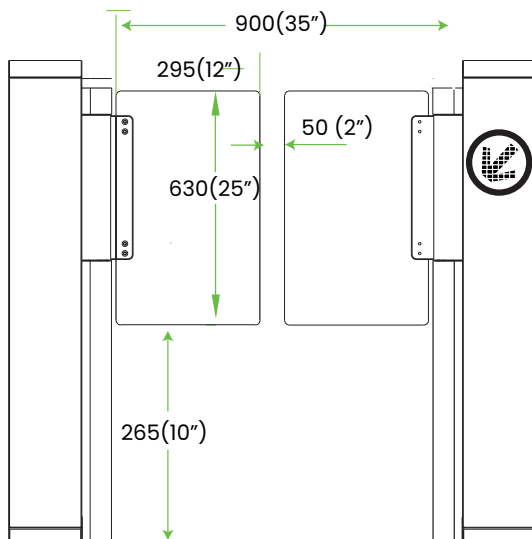
	Mars-S100	Mars-S120
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz	
Working Temperature	-28 °C ~ 60 °C	
Working Humidity	5% ~ 95%	
Working Power	50W running / 22W Stand by	
Working Environment	Indoor / outdoor (if sheltered)	
Speed of Throughput	Maximum 30 / minute	
Lane Width (mm)	600 mm / 23.6 in	
Noise	60db	
Infrared Sensor	4 pairs	
Barrier Movement	Swing	
MCBF	5 million	
Drive Unit	DC brush-less motor	
LED Indicator	Red/ Green	
Emergency Mode	Supported	
Chassin Simensions (LxWxH)	600 x 120 x 1020mm / 23.6 x 4.7 x 40.2 in	
Dimension with Packing (LxWxH)	762 x 730 x 1215mm/ 30 x 28.7 x 47.8in	762 x 362 x 1215mm/ 30 x 14.3 x 47.8in
Net Weight	50kg/110lbs	30kg/66lbs
Weight with Packing (kg)	64kg / 141lbs	40kg / 88lbs
Cabinet Material	Cold rolled Steel	
Lid Material	Cold rolled Steel	
Color Number	Matte white RAL9003 (optional: black RAL9005, Stainless steel color)	
Barrier Material	Acrylic	
Packing Material	Wooden Case	

1: Depends on user situation on filed, using RFID faster than fingerprint.

2: Power off or fire signal activated on board, the door will open automatically.



## OPTIONAL ADA BARRIER



## COLOR OPTIONS



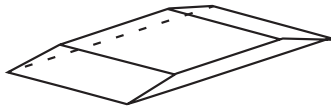
Black



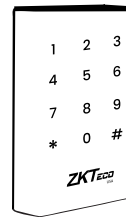
White

## ACCESSORIES

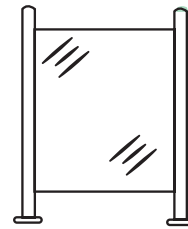
(Barrier/Reader/Access Control/Template/Infill)



Base Plate



Reader



Barrier

## APPLICATION

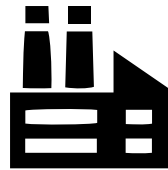
(Office Lobby/Airport Gate/Stadium/Retail Store/Exhibition)



School



Museum



Factory



Gym



1600 Union Hill Road Alpharetta, GA 30005

Phone: (862) 505-2101 | Fax: (862) 204-5906 | [info@zktecousa.com](mailto:info@zktecousa.com) | [www.zktecousa.com](http://www.zktecousa.com)

© Copyright 2026. ZKTeco Inc. ZKTeco Logo and ZKTeco USA Logo have registered trademarks of ZKTeco or a related company. All other product and company names mentioned are used for identification purposes only and may be trademarks of their respective owners. All specifications are subject to change without notice. All rights reserved.