

ZK-MSS

Swing Barrier Gate with High Reliability and Performance

OVERVIEW:

The ZKTeco MSS single lane automatic gate is a compact and elegant cost-effective component of an entrance control system designed for restricting access to secured areas. It's unique electronic architecture allows the users to pass through the lane safely and at the same time provide high throughput.

ZK-MSS is designed for smooth and silent operation and draws very little power. The power coated cold rolled steel body makes it suitable to match all types of decors of an office building or store entrance. The tempered glass barrier which is available in two sizes, meets the requirements of a standard lane and handicap access, compliant with ADA laws, making it a truly universal gate.

ZK-MSS gates can be triggered by an external signal from an access control system to swing open the tempered glass barrier. It also has sensors to detect the presence of the person passing through the lane and can be triggered to open automatically while exiting with the help of special sensors.

During emergencies, the barriers can be programmed to remain open to ensure user can quickly exit the premises. In case of power outage, the gate will be free to open with a push of a hand.

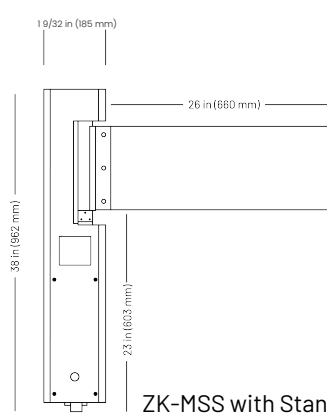
FEATURES:

- Cold rolled steel
- Barrier arm can be pushed open with less than 5 lbs of force in both directions at all times
- There is no locking device or hardware limiting travel in egress direction
- Automatic unlock feature during emergencies, available with ADA compliant barrier
- Infrared sensor
- Tempered - glass, acrylic barrier, and speed bar (metal hoop)

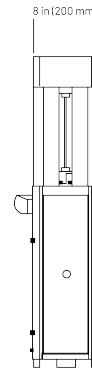
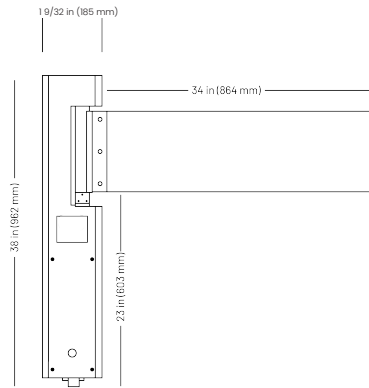
SPECIFICATIONS:

- Power Supply:** 24V DC 1.5A (typical)
- Temperature:** 32 °F to 104 °F (0-40 °C)
- Power Consumption:** 9W (standby), 30W (operation)
- Operating Humidity:** 5% - 80%
- Working Environment:** Indoor/outdoor if sheltered for climate & weather
- Casework Material & Barrier:** Cold rolled steel
- Gate Dimension (LxWxH):** 41" (1064mm) x 7" (185mm) x 38" (962mm) standard
- Lane Width:** 26" (660mm) x 34" (864mm) - meet ADA compliance
- Gate Weight:** 57.3 lbs (26kg)
- Package Weight:** 99.2 lbs (45kg)
- Gate Dimension w/ packaging (LxWxH):** 44.1" (1120.14mm) x 14.2" (360.68mm) x 17.3" (439.42mm)

DIMENSIONS:



ZK-MSS with Standard Barrier



ZK-MSS with ADA Compliant Barrier

CERTIFICATIONS:

EUROPE:	
Machinery Directive (2006/42/EC):	EN ISO 12100, EN ISO 13857, EN ISO 13849-1, EN ISO 13849-2, IEC/EN 60335-1, IEC/EN 60335-2-103
Radio Equipment Directive (2014/53/EU):	
Article 3.1(a)(Health & Safety):	EN 62479 & Standards covered by Machinery Directive
Article 3.1(b)(EMC):	ETSI EN 301-489-1, ETSI EN 301-489-3, EN 55035, EN 55032, EN 61000-3-2, EN 61000-3-3

USA & CANADA:	
EMC:	FCC part 15 Subpart B, ICES 003
Safety:	UL 325, UL 2593, UL 991
Radio:	FCC ID: G9B-305015, IC ID: 4880A - 305015



MODEL NUMBER	DESCRIPTION
MSS ENTRY - Long	MSS without doppler sensor and long barrier (ADA width compliant)
MSS ENTRY - Short	MSS without doppler sensor and standard barrier
MSS EXIT - Long	MSS with doppler sensor and long barrier (ADA width compliant)
MSS EXIT - Short	MSS with doppler sensor and standard barrier

Warranty: Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See warranty information for specific details.



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