

DS-K3Y501SX **Pro Flap Barriers**



The DS-K3Y501SX series flap barrier with two barriers and 12 IR lights is designed to detect unauthorized entrance or exit. By adopting the flap barrier integratedly with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

- Permissions validation and anti-tailgating.
- Remaining open/closed mode selectable.
- The barrier will be open or stop working when people are nipped.
- Self-detection, Self-diagnostics, and automatic alarm.
- Audible and visual alarm will be triggered when detecting intrusion, tailgating reverse passing, and climbing over barrier.
- TCP/IP network communication: The communication data is specially encrypted to relieve the concern of privacy leak.
- LED indicates the entrance/exit and passing status.
- Fire alarm passing: When the fire alarm is triggered, the barrier will be open automatically for emergency evacuation.

▪ Specification

System	
Motor	Servo motor
MCBF	≥ 6 million times
IR light detectors	12 pairs
Interface	
Network interface	1
Lock control	2
RS-485	4
RS-232	4
Capacity	
Card capacity	60,000
Event capacity	180,000
General	
Throughput	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method.
Lane width	600 mm (23.62")
Barrier material	Acrylic glass
Pedestal material	SUS304 stainless steel
Working temperature	-20 °C to 70 °C (-4 °F to 158 °F)
Working humidity	0% to 95% (No condensing)
Dimensions	Without package: 300 mm × 1010 mm × 1406.8 mm (11.81" × 39.76" × 55.38") With package: 490 mm × 1160 mm × 1640 mm (19.29" × 45.67" × 64.57")
Weight	Without packaging: 74 kg (left and right)/90 kg (middle) (163 lb/198 lb) With packaging: 99 kg (left and right)/115 kg (middle) (218 lb/254 lb)
Configuration	
Lane width	600 mm
Pedestal length	1410 mm
Module selection	YES
Pedestal width	300 mm
Wall distance	130 mm
Base	YES
Barrier material	Acrylic
Application environment	Indoor and outdoor
Authentication mode	Card, Face
Card type	EM, M1
Recommended width	600 mm
Base model	DS-KSM01/Y501
Product type	Flap barrier
Remote controller type	433Mhz, 868Mhz
Door wing gap	Default: 50mm
Door Height	Default (0.85m)
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-K3Y501SX-L1/Dp60
 DS-K3Y501SX-L2/M-Dr60
 DS-K3Y501SI-M1/EPg-Dr90
 DS-K3Y501SX-M1/M-Dp60
 DS-K3Y501SX-R/M-Dp60
 DS-K3Y501SX-M1/MPg-Dr60-90
 DS-K3Y501SX-L2/MPg-Dr60
 DS-K3Y501SX-L1/M-Dp60
 DS-K3Y501SX-L2/EPg-Dr60
 DS-K3Y501SI-M1/InMPg-Dr90
 DS-K3Y501SX-M1/OutMPg-Dp60
 DS-K3Y501SX-L1/MPg-Dp60
 DS-K3Y501SX-L1/MF-Dp60
 DS-K3Y501SI-M2/M-Dr90
 DS-K3Y501SX-M1/M-Dr60
 DS-K3Y501SX-L1/EPg-Dp60
 DS-K3Y501SI-M2/MPg-Dr90
 DS-K3Y501SX-M1/MPg-Dr60
 DS-K3Y501SX-L2/Dp60
 DS-K3Y501SX-L2/MFPgQ-Dp60
 DS-K3Y501SI-M2/EPg-Dr90
 DS-K3Y501SX-R/MF-Dp60
 DS-K3Y501SX-M1/EPg-Dr60
 DS-K3Y501SX-L2/M-Dp60
 DS-K3Y501SX-M2/MPg-Dr60-90
 DS-K3Y501SX-L2/MPg-Dp60
 DS-K3Y501SX-M1/InMPg-Dr60
 DS-K3Y501SX-M1/MFPgQ-Dp60
 DS-K3Y501SI-M2/InMPg-Dr90
 DS-K3Y501SX-L2/EPg-Dp60
 DS-K3Y501SX-L1/MFPg-Dp60
 DS-K3Y501SX-M2/M-Dr60

DS-K3Y501SI-R/M-Dr90
DS-K3Y501SX-M1/MPg-Dp60
DS-K3Y501SX-M2/MPg-Dr60
DS-K3Y501SI-R/MPg-Dr90
DS-K3Y501SX-M1/EPg-Dp60
DS-K3Y501SX-R/MFPgQ-Dp60
DS-K3Y501SX-M2/EPg-Dr60
DS-K3Y501SX-R/MFPg-Dp60
DS-K3Y501SI-R/EPg-Dr90
DS-K3Y501SX-M1/InMPg-Dp60
DS-K3Y501SX-M2/InMPg-Dr60
DS-K3Y501SX-M2/M-Dp60
DS-K3Y501SX-L2/E-Dp60
DS-K3Y501SX-L2/EPg-Dp60
DS-K3Y501SX-R/M-Dr60
DS-K3Y501SX-R/MPg-Dp60
DS-K3Y501SX-M2/MPg-Dp60
DS-K3Y501SX-R/E-Dp60
DS-K3Y501SX-R/MPg-Dr60
DS-K3Y501SX-M2/EPg-Dp60
DS-K3Y501SX-M1/Dp60
DS-K3Y501SX-M1/E-Dp60
DS-K3Y501SX-M2/InMPg-Dp60
DS-K3Y501SX-R/EPg-Dr60
DS-K3Y501SX-R/EPg-Dp60
DS-K3Y501SI-L1/Dr90
DS-K3Y501SX-R/EPg-Dp60
DS-K3Y501SX-L1/MPg-Dp60/868
DS-K3Y501SI-L1/M-Dr90
DS-K3Y501SX-L1/Dr60
DS-K3Y501SI-L1/MPg-Dr90
DS-K3Y501SX-L2/MPg-Dp60/868
DS-K3Y501SX-L1/M-Dr60
DS-K3Y501SX-L1/EPg-Dp60
DS-K3Y501SI-L1/EPg-Dr90
DS-K3Y501SX-M1/MPg-Dp60/868
DS-K3Y501SX-M2/InMPgQ-Dp60
DS-K3Y501SX-M2/MPg-Dp60/868
DS-K3Y501SI-L2/Dr90
DS-K3Y501SX-L1/MPg-Dr60
DS-K3Y501SX-M1/InMPgQ-Dp60
DS-K3Y501SX-R/MPg-Dp60/868
DS-K3Y501SI-L2/M-Dr90
DS-K3Y501SX-M2/Dp60
DS-K3Y501SX-L1/EPg-Dr60
DS-K3Y501SI-L2/MPg-Dr90
DS-K3Y501SX-M2/InEQ-Dp60

DS-K3Y501SX-L2/Dr60
 DS-K3Y501SI-L2/EPg-Dr90
 DS-K3Y501SX-L2/MFPg-Dp60
 DS-K3Y501SX-R/EQ-Dp60
 DS-K3Y501SX-M1/InEFPg-Dp60
 DS-K3Y501SI-M1/M-Dr90
 DS-K3Y501SI-M1/MPg-Dr90
 DS-K3Y501SX-M1/InEQ-Dp60
 DS-K3Y501SX-M1/MFPg-Dp60
 DS-K3Y501SX-L1/MPgQ-Dp60
 DS-K3Y501SX-R/MPg-Dp60/INI-CONCE
 DS-K3Y501SX-M1/MPg-Dp60/INI-CONCE
 DS-K3Y501SX-R/MPgQ-Dp60
 DS-K3Y501SX-M2/MPg-Dr60/INI-CONCE
 DS-K3Y501SX-M1/InPg-Dp60
 DS-K3Y501SX-L2/EFPgQ-Dp60
 DS-K3Y501SX-M2/InPg-Dp60
 DS-K3Y501SX-M1/EFPgQ-Dp60
 DS-K3Y501SX-R/Pg-Dp60
 DS-K3Y501SX-R/EFPgQ-Dp60
 DS-K3Y501SX-M1/MQ-Dp60
 DS-K3Y501SX-L1/EFPgQ-Dp60
 DS-K3Y501SX-L2/MQ-Dp60
 DS-K3Y501SX-L2/MPgQ-Dp60
 DS-K3Y501SX-M1/MPgQ-Dp60
 DS-K3Y501SX-L1/MQ-Dp60
 DS-K3Y501SX-M2/MPgQ-Dp60
 DS-K3Y501SX-R/MQ-Dp60
 DS-K3Y501SX-M2/InMFPg-Dp60
 DS-K3Y501SX-M1/InMFPg-Dp60
 DS-K3Y501SX-M2/OutMPg-Dp60
 DS-K3Y501SX-R/Dp60

▪ Accessory

▪ Optional

DS-K7R01-433	DS-K7R01-868	DS-K7R83X	DS-KAB6-ZU1	DS-KAB6-ZU3
				
DS-KSM01/Y501				



See Far, Go Further



www.hikvision.com
support@hikvision.com

