DS-TMG521/B
Barrier gates with folding boom pole and arrow indicator



DS-TMG52X series barrier gate is applicable to entrance and exit management. It is widely used in road toll station, parking lot, community, enterprise entrance and exit, etc. to manage the entering and exiting of vehicles and record vehicle passing times. It can be controlled automatically via parking lot management system, or via handle, remote controller, buttons, etc.

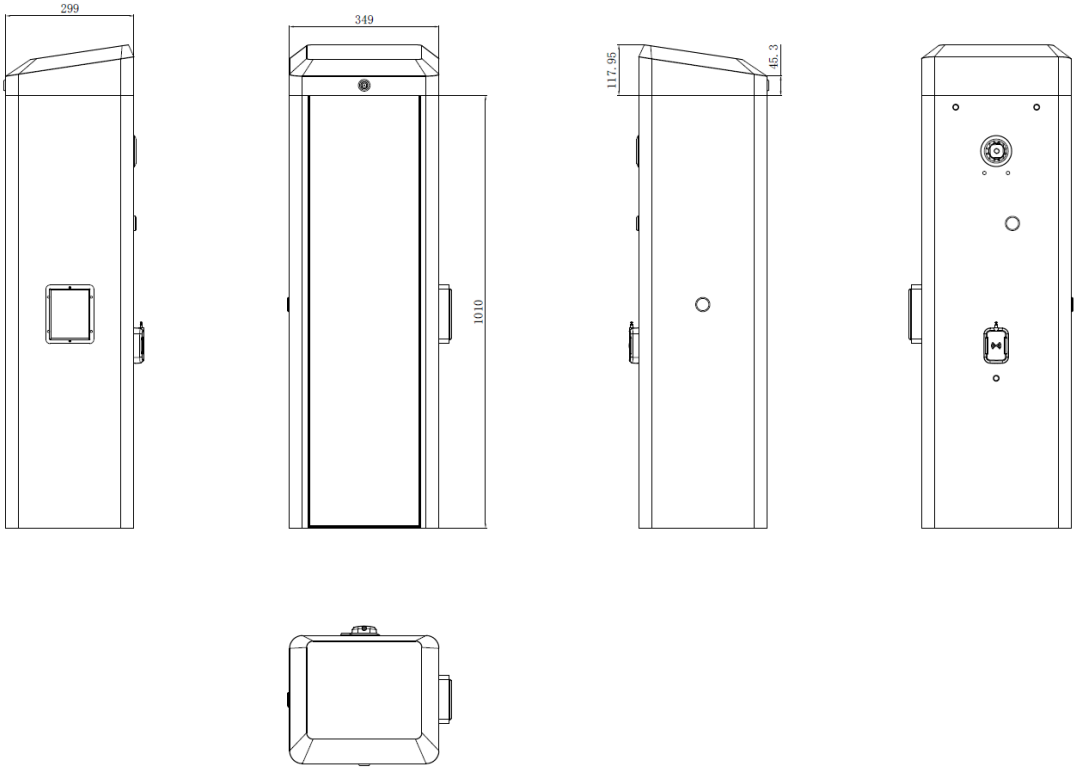
- DC frequency conversion. The rising and falling speeds can be adjusted independently. The boom pole can rise in high speed to let the vehicle pass quickly.
- The boom pole can fall in low speed to avoid hitting vehicle and pedestrian.
- High protection level. The chassis is produced with 2 mm cold rolled steel sheets in numerically-controlled precision. The surface is coated with plastic powder which is anti-UV, antistatic, non-peeling, and non-fading. The dustproof and waterproof level conforms to IP54.
- Multiple control modes. Rising priority. The boom pole can be controlled via relay, remote controller, and software command.
- Multiple anti-hitting modes via induction, IR, pressure wave, etc.
- The boom pole direction is adjustable from left to right, or from right to left.
- Anti-condensation. The electric motor is in low consumption even when the barrier gate is not in working status, which will keep the motor in normal temperature. So even in cold weather, the lube will not be frozen to guarantee the normal running of barrier gate.
- Auto lock. Even when the power is cut off, you can use tool to keep the barrier gate working.
- Intergated with arrow indicator to show barrier gate status

▪ Specification

Barrier Housing	
Barrier Housing Material	SGCC
Barrier Housing Thickness	2.0 mm
Barrier Housing Door Thickness	1.5 mm
Barrier Housing Color	Orange red
Boom Pole Installation Height	880 mm
Body Indicators	Arrow Indictor
Barrier Gate General	
Matched Boom Pole Type	Folding pole: 1.5+1.5 to 2.5+2.5 m
Rising/Falling Speed	2m+2m folding pole, right by default, direction switchable Rising Speed: 1.5 S Falling Speed: 3.5 S
Boom Pole Direction	right by default, direction switchable
Boom Pole Falling Delay	10 s by default (configurable), min. 10 s (every 10 s followed a gap)
Motor Type	DC brushless motor
Number of Cycles	5000000
Working Voltage	220 VAC
Remote Controller Frequency	433 MHz
Current	Max. 4 A
Consumption	300 W
Temperature and Humidity	Temperature: -30 °C to 70 °C (-22 °F to 158 °F)
Rising Boom Pole for Poweroff	Optional, not supported by default
Barrier Gate	
Duty Cycle	100%
Interface	
Rising to Limit	1 group
Falling to Limit	1 group
Open	1 group
Close	1 group
Stop	1 group
IR/Inductive Loop/Radar	1 group
RS-485	1 group
Traffic Signal Light	1 group, external power supply required, max. 220 VAC supported
LED Indicators	1 group
Network	1 group (reserved)
Boom Pole	
Boom Pole Type	Folding Pole
Boom Pole Material	AL6061
Boom Pole Color	White background with red bar

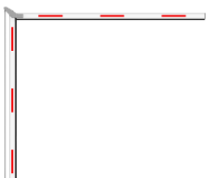
Approval	
RF	CE-RED EN 300220-1 V3.1.1 EN 300220-2 V3.1.1 EN 301489-1 V2.2.3 EN 301489-3 V2.1.1 EN IEC 62311: 2020
EMC	CE-EMC： EN 55032: 2015 + A11: 2020 + A1: 2020, EN IEC 61000-3-2: 2019 + A1: 2021, EN 61000-3-3: 2013 + A1: 2019 + A2: 2021, EN 50130-4: 2011 + A1: 2014
Security	CE-LVD: EN 62368-1: 2014 + A11: 2017 CB: IEC 62368-1: 2014 IEC 62368-1: 2018
Environment	ROHS
Protection	IP54
Package	
Barrier Housing Dimensions (L × W × H)	1130 × 349 × 299 mm (44.5 × 13.7 × 11.8 inch)
Body Weight	59.3 ± 5 kg (130.7 ± 11.0 lb.)
Body Dimensions (with Package, Without Boom Pole) (L × W × H)	1266 × 504 × 626 mm (49.84 × 19.84 × 24.65 inch)

▪ Dimension



▪ Accessory

▪ Included

DS-TMG002-5	DS-TMG050	DS-TMG012-5
		

▪ Optional

DS-TMG013-5	DS-TMG120 (barrier)	DS-TMG012-A1	DS-TVL221-1-6D	DS-TMG023
				
DS-TMG022	TMG080-3	DS-TMG060-52		

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www.hikvision.com
support@hikvision.com

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