

HIKVISION[®]

Hikvision Barrier Gate 4B Series

Unlock the power of secure access

HIKVISION

DS-TMG4BX

Entry-level

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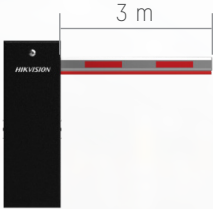
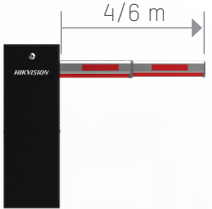
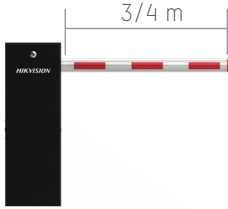
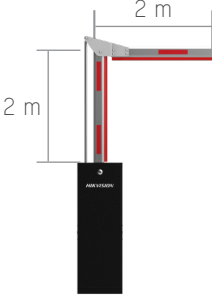
Known commonly as vehicle guards, barrier gates are entrance & exit management equipment designed to regulate motor vehicle traffic. As of now, these helpful gates are used widely at facilities like residential buildings, school campuses, parking lot systems, and many more places.

Various barrier gates are available from Hikvision to suit most scenarios and requirements. The entry-level Barrier Gate 4B Series features high functionality, such as overheat protection, remote control, anti-fall protection, and others.

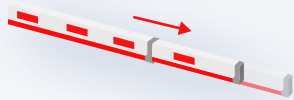
Read on to learn more.

Functional boom poles

The 4B Series is available in various boom pole types and lengths to suit any aesthetic and functional requirements.

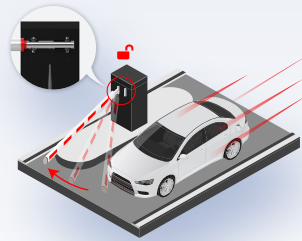
	Straight octagonal boom pole	Telescopic octagonal boom pole	Cylinder boom pole	Curved boom pole
				
Model	DS-TMG4B0-L/RA			DS-TMG4B1-L/RA
Type	Straight Octagonal	Telescopic Octagonal	Cylinder (Anti-collision customizable)	Curved
Length	3 m	4/6 m (5 m customizable)	3/4 m	2+2 m (1.5+1.5/2.5+2.5 m customizable)
Rising Speed	3 s	3/6 s	3 s	3 s
Falling Speed	3 s	3/6 s	3 s	3 s

Key Features



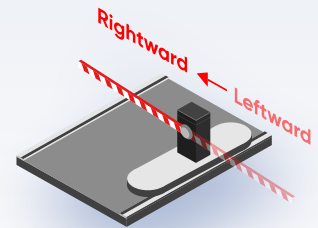
Retractable adjustment

The 4B Series's telescopic boom poles support pole length adjustment within the specified range to ensure availability.



Anti collision

To prevent deformation or breakage, the anti-collision boom pole will fall off the gate if it a vehicle makes contact.



Direction switch

The pole direction can be switched manually to facilitate more flexible design and installation options.



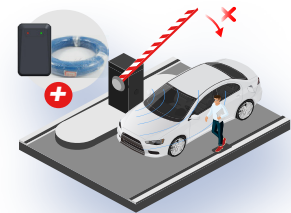
Auto rebound

If the boom pole contacts a vehicle or pedestrian during descent, it will rebound immediately.



Remote control

In addition to software control, the remote controller supports emergency response when the barrier gate is offline.



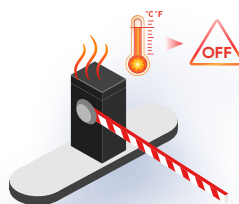
Multiple anti-fall protections

Compatible with **IR intrusion**, **solenoid coil**, and **MMV radar** for anti-fall protection.



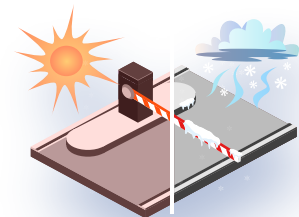
Manual opening

In case of loss of power, users can rotate the hand wheel to keep the barrier gate open.



Overheat protection

Barrier gates stop working automatically to protect the device when it overheats.



Outdoor applications

Excellent performance with IP54 protection for outdoor environments from -30° to 70° C [-22° to 158° F]

FAQs

Do the barrier gates support automatic closing?

Yes, by opening S3 DIP switch. (Fixed 10 sec.)

How many remote controllers can one barrier gate support?

Support up to 10 remote controllers in baseline. The version of more controllers supports customization.

How far can the remote controller work?

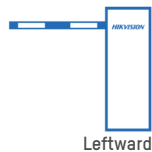
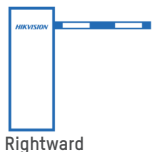
30 meters

Can we adjust the speed of the gate opening and closing?

Not. Fixed 3 s for 3/4 m pole, fixed 6 s for 5/6 m pole.

How do I distinguish the left and right sides of the barrier gate?

Choose the appropriate model before purchasing. If you would like to reverse your model on-site, we can provide instructions via a technical video.



How can I integrate my gate with third-party equipment?

The "open/close/stop/com" interface needs to receive the switch signal. Closing the "open" and "com" will open the barrier gate. If "open" and "com" receive constant input, the barrier gate will enter the default-open state. When the input disappears, the barrier gate close.



Accessories | Sold separately

1



Wired Control Button
Operators use this to control the barrier from the booth.

2



Remote Controller
Operators can remotely control the road gate switch wirelessly within 30 meters (two controllers in pack).

3



Barrier Arm Scaffold
Installed at the end of straight, 5 or 6 m poles to prevent falling.

4



Warning Light
Red and blue lights flash when the gate opens to alert pedestrians and vehicle drivers.

5



Anti-Fall Radar
Millimeter-wave radar technology detects moving objects and prevents collisions with pedestrians & vehicles.

6








Anti-Fall Coil
When vehicles pass, the Anti-Fall Coil signals the detector to maintain elevation as needed.

7



Vehicle Detector
Converts electromagnetic signal to digital and outputs to camera or barrier gate to prevent accidental fall.

Spares | Included with purchase

No.	Spares	Images
1	Boom Pole	
2	Control Box	
3	Spring	
4	Main shaft tie rod	
5	Remote Controller	

Product specifications

Barrier Housing Specifications

Material	CRS (Cold Rolled Steel)
Boom Pole Height	890 mm
Material Thickness	1.5 mm
Metal Door Thickness	1.2 mm
Color	Black background and silver pattern
Surface Protection	Stoving Varnish

General Specification

Motor Type	AC
Design Lifespan	2.5 Million uses
Remote Control Freq.	430.5 MHz
Ingress Protection	IP54
Power Supply	220 VAC \pm 15%
Consumption	60 W
Weight	41 kg (90.4 lb)
Dimensions	355 x 245 x 1,035 mm (14.0 x 9.6 x 40.7 inch)



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com



Hikvision



hikvision



HikvisionHQ



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Hikvision Corporate Channel