

DHI-IPMECD-1062-R

Telescopic Straight Arm Barrier



Series Overview

With its springless design, the Barrier offers exceptional flexibility, intelligently adapting to various lengths of barrier arms. The direction can be effortlessly switched between left and right, simplifying both installation and configuration. In the event of a power failure, the barrier arm can be manually lifted, ensuring seamless passage at entrances and exits. Engineered with a sleek and stylish appearance, it is ideal for use at the entrances and exits of parking lots, hotels, schools, residential areas, and businesses.

Functions

High Quality

The anti-corrosive case is made of cold-rolled plate and underwent the metal stamping process, making it strong and highly durable. It is strong enough to resist impacts of different strengths and is resistant to deformation. It is IP54 rated, making it suitable for use outdoors in different weather types.

Brushless DC Motor

Equipped with an integrated DC brushless motor, it is highly stable, quiet and has a long lifespan.

Secure and Reliable

As it is powered by 24 VDC low voltage, it is both secure and stable.

Multi-dimensional Anti-smashing

It supports anti-smash through external radar and loop. The arms are also designed with elastic anti-smashing rubber strips at the bottom, and automatically rise when vehicles approach and fall when vehicles depart.

- · The arm is not included in the barrier gate controller.
- The springless barrier features a telescopic straight arm on the right, allowing for customized settings for both left and right operation, with quick switching between the two directions (Right by default).
- 24 VDC brushless motor that is quiet, highly secure, low power consumption, stable and efficient.
- 2.7 m-4.5 m (8.86 ft-14.76 ft) telescopic straight arm that can be adjusted according to its rising speed. It opens and closes in just 2-6
- Automatically rises when the barrier arm makes contact with an object
- · Supports manually rising the barrier after a power failure.
- The speed and position at which the barrier rises and falls is adjustable.
- Supports remote control at a maximum distance of 50 m (164 ft) in open space.
- Supports external radar, loop, and the IR anti-smashing function. It also has a built-in 12 VDC output for powering the external radar.
- The camera can be connected via the RS-485 port, and the barrier status, including the number of operations, operating status, operation log can be read on the camera's web interface.
- $\cdot~$ Operating temperature: –35 °C to +65 °C (–31 °F to +149 °F).
- · Operating voltage: 100-264 VAC
- · Motor can withstand 3.5 million uses.

Scene

Suitable for use in entrances and exits of parking lots, hotels, schools, residential areas, office and government buildings and more.

Technical Specification			
Basic			
Arm Type	Straight Arm Barrier;Telescopic Arm Barrier		
Arm Length	Straight arm: 2.7 m-4.5 m (8.86 ft-14.76 ft)		
Arm Model	IPMECD-0162-M30 IPMECD-0162-M40 IPMECD-0162-M2745, 2.7 m-4.5 m (8.86 ft-14.76 ft) adjustable		
Opening/Closing Time	2 sec–6 sec (speed is measured by the arm length and weight)		
Motor Type	DC brushless		
Rotational Speed	2000 RPM		
Transmission Ratio	150:1		
Sub 1G Modulation Type	ASK		
Sub 1G Frequency Range	433.82 MHz-434.02 MHz		
Sub 1G Power Transmission	433.82 MHz-434.02 MHz@-10 dBm		
Port			
RS-485	1		
1/0	1		
Status Output	2 channels. One channel is fully open and the other channel is fully closed.		
Function			
Anti-drop	Supports loop, IR and radar anti-smashing function.		
Auto Lifting against Obstruction	Yes		
Count Mode	Yes		
Hand Crank Control in Power Failure	Yes		
Limit Description	The position at which the barrier rises and falls is adjustable.		
RS-485 Log	Access operation log information through the RS-485 port, the information includes the number of opening barrier, the type of opening barrier, error code and more		
Remote Control	Supports remote control at a maximum distance of 50 m (164 ft) in open space.		
Number of Pairable Remote Controllers	Includes 2 remote controls, and supports up to 40		
Left and Right Interchangeable	Yes		
Power Output	12 V ± 5% (Max: 1 A)		
General			
Power Supply	100–264 VAC		
Power Consumption	< 210 W		
Motor Lifespan	3.5 million times		
Operating Temperature	−30 °C to +65 °C (−22 °F to +149 °F)		
Storage Temperature	−30 °C to +65 °C (−22 °F to +149 °F)		

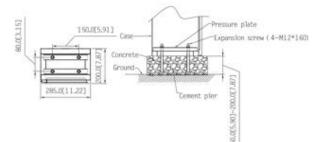
Operating Humidity	10%–90% (RH), non-condensing	
Storage Humidity	10%–90% (RH), non-condensing	
Protection	IP54	
Anti-corrosion Level	Basic Protection	
Product Dimensions	285.0 mm \times 200.0 mm \times 940.0 mm (11.22" \times 7.87" \times 37.01") (L \times W \times H)	
Packaging Dimensions	1,020.0 mm \times 320.0 mm \times 385.0 mm (40.16" \times 12.60" \times 15.16") (L \times W \times H)	
Net Weight	24.6 kg (54.21 lb)	
Gross Weight	30.0 kg (66.14 lb)	
Installation	Bottom-mounted with expansion bolts	

Ordering Information			
Туре	Model	Description	
Barrier	DHI-IPMECD-1062-R	Telescopic Straight Arm Barrier	

Accessories

Optional:

IPMECD-0162-M2745IPMECD-0162-M30IPMECD-0162-M40Barrier RodBarrier RodBarrier Rod



mm[inch]

Dimensions (mm[inch])

