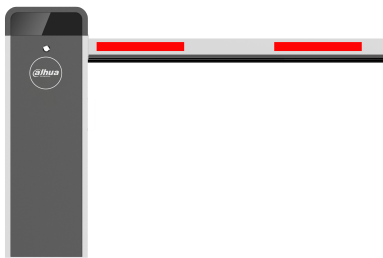


DHI-IPMECD-2032-RM15-T10

Right straight arm Variable frequency motor Barrier host 1.5M (1s)



Technical Specification

Basic

Arm Type	Straight Arm Barrier
Arm Length	1.5 m (4.92 ft)
Arm Model	1.5 m (4.92 ft) straight arm
Opening Time	1 s
Motor Type	DC brushless
Sub 1G Modulation Type	ASK
Sub 1G Frequency Range	433.92 MHz
Sub 1G Power Transmission	433.92 MHz@-108 dBm

Port

RS-485	1
RS-232	1 (Ethernet extension module port)
I/O	5 (Rise, fall, ground loop 1, ground loop 2, anti-smashing)
Status Output	3 × channels (Open position, closed position and traffic light)

Function

Anti-drop	Yes (Anti-smashing capability through external radar, loop, or IR devices)
Auto Opening in Power Failure	Yes
Auto Lifting against Obstruction	Yes

- Comes with the barrier host. The arm is not included.
- Applicable to scenarios where the average daily traffic flow reaches around 2000 vehicles.
- Features a metal housing and supports right-handed straight arms.
- Compatible with 1.5 m (4.92 ft) straight arms (sold separately) that are designed with anti-smashing rubber strips. Opens and closes in just 1 s.
- Rises automatically during a power failure.
- Brushless DC inverter servomotor lifespan: 5 million cycles.
- Spring lifespan: 1 million cycles.
- Anti-smashing is supported by the external radar, loop and IR device. Also, embedded 12 VDC output supplies power to the radar.
- Supports remote control at a maximum distance of 50 m (164.04 ft) when there is no interference.
- Operating temperature: -40 °C to +70 °C (-40 °F to +158 °F).
- Operating voltage: 86–264 VAC.
- Operating power: 75 W.
- IP54 rated.
- The speed at which the barrier rises and falls is adjustable.

Anti-collision	Yes. There is a swivel gear between the arm and the barrier.
Count Mode	Yes
Hand Crank Control in Power Failure	Yes
Limit Description	90° (Not adjustable)
RS-485 Log	Yes. Obtains the barrier log through the RS-485 port, including the times and type that the barrier opens, and the error code.
Remote Control	Supports remote control at a maximum distance of 50 m (164 ft) when there is no interference.
Power Output	12 V ± 5% (Maximum 1.5 A)

General

Power Supply	86–264 VAC
Power Consumption	< 400 W (Maximum power consumption at 220 VAC)
Spring Lifespan	1 million cycles
Motor Lifespan	5 million cycles
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Operating Humidity	10%–90% (RH), non-condensing
Protection	IP54
Product Dimensions	332 mm × 330 mm × 1,000 mm (13.07" × 12.99" × 39.37") (L × W × H)

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Packaging Dimensions	460 mm × 400 mm × 1,115 mm (18.11" × 15.75" × 43.90") (L × W × H)
Net Weight	49.0 kg (108.03 lb)
Gross Weight	53.6 kg (118.17 lb)
Installation	Ground mount

Ordering Information		
Type	Model	Description
Barrier	DHI-IPMECD-2032-RM15-T10	Right straight arm Variable frequency motor Barrier host 1.5M (1s)
Accessories (Optional)	IPMECD-0232-M15	Straight arm 1.5m

Accessories

Optional:



IPMECD-0232-M15
Straight arm 1.5m

Dimensions (mm[inch])

