P-Box

more flexible
more nimble
& M-Box
cable version

by DOOYA® TUBULAR MOTOR

P-Box

Wi-Fi, Ethernet

For radio+ & radio motor

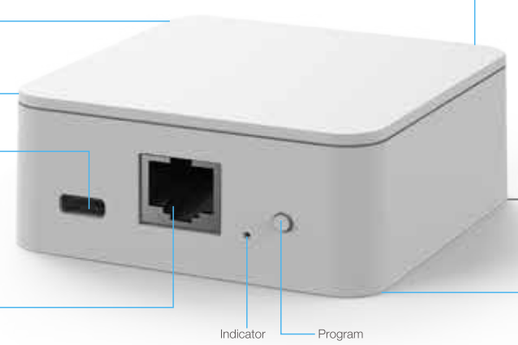
P-Box(DD7006A) is a multifunctional interface with Bluetooth configuration which vastly improves the user operation experience and application efficiency.
It provides not only Wi-Fi to RF radio but also Ethernet to RF radio connection which enables user to connect flexibly according to the practical application scenes. It builds a connection via user's Internet Router and enables user to control motorized window covering and sunshading products with designated smartphone application and interaction with ecosystem such as Amazon Alexa, Google assistance, IFTTT and Smartthings…ect, via cloud API. Both Wi-Fi and Ethernet interface offer additional integration options into the third party home automation system.

P-Box

M-Box

M-Box(DD7006M) represents the latest generation of hubs within the 'Connector' platform, with a primary focus on the MATTER ecosystem. This hub seamlessly integrates with MATTER system within your local network, such as Apple Home, Google Home, etc. Additionally, it retains the capability to be controlled through the Dooya APP, just like a standard Connector hub. Main features include:
- Compatibility to Matter system, such as Apple Home, Google Home, etc
- Compatibility to Connector system
- Wi-Fi(2.4GHz only) Connection
- Type-C USB (5V, 1A)
- Hub configuration via QR code, DIY/installer friendly

433MHz · 20 rooms · 20 scenes · 30 motors · 20 timers



Bluetooth
Hub configuration via bluetooth（bt 4.2) from APP, DIY/installer friendly

Wi-Fi (2.4GHz)

USB Type-C
Low Voltage Power(5VDC)

PoE PD
Easy installation and no additional power cable necessary

Ethernet

IoT Connectivity

works with amazon alexa · works with the Google Assistant · WORKS WITH SmartThings · WORKS WITH IFTTT · Siri Shortcuts

Home Automation Intergration

Available	Scheduled
Control4	CRESTRON
ELAN	RTI · URC

Powered by USB Type-C or POE (optional)

Connected by Wi-Fi or Ethernet (optional)

433.92MHz

0°C ~ 40°C

L75 x W75 x H31.5 (mm)

Max. 30 motors

Max. 20 scenes

Max. 20 timers

Max. 20 rooms

Radio+ Control

Radio Control

OTA Firmware Update

Models	Power		Network		Radio	
	PoE	USB Type-C	Ethernet (Connection Methods)	2.4GHz Wi-Fi (Connection Methods)	Radio+ Motor (Bidirectional)	Radio Motor (Undirectional)
P-Box	☑	☑	☑	☑	☑	☑
M-Box	☐	☑	☑	☑	☑	☐

APP Download

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FC · IC · CE · Product Certification

PORTOS® by DOOYA® TUBULAR MOTOR

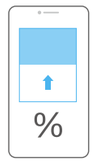
Key Benefits of BiDi-WiFi Motors

- Direct Wi-Fi connectivity – no external hub required, reducing system complexity and installation cost
- Two-way (BiDi) communication, providing real-time feedback on motor status, position, and operation
- Full app control via mobile devices, enabling convenient operation from anywhere
- Compatibility with major smart home ecosystems, allowing seamless integration into modern smart homes (Amazon Alexa, Smart Things, Google Assistant, IFTTT, Matter)
- Precise position control, ideal for roller blinds, curtains, and other shading applications
- Easy commissioning and setup, designed for both professional installers and end users
- Stable and reliable wireless performance, optimized for residential environments
- Advanced automation capabilities, including scenes, schedules, and timers
- Remote diagnostics and monitoring, improving maintenance efficiency and user confidence
- Future-proof solution, supporting firmware updates and evolving smart home standards

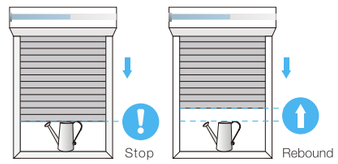
Key Benefits of EV/Y - BIDI Motors

- Two-way (BiDi) communication provides real-time feedback on motor status and position, ensuring reliable operation and greater user confidence
- Stable RF control at 433.92 MHz, delivering dependable performance even in larger installations and environments with multiple devices
- Smartphone control via M-Box or P-Box hub, enabling convenient remote operation through a central smart home system
- Accurate limit and position control, enabling precise and repeatable shading movements tailored to user preferences
- Preferred position function, allowing quick access to the most commonly used shading position for everyday comfort
- Advanced safety features, including stall detection and protection, helping to prevent damage to the system and improve operational safety
- Installer-friendly setup and adjustment, reducing installation time and simplifying commissioning and maintenance
- Proven and robust technology, suitable for both residential and commercial applications where reliability and longevity are essential

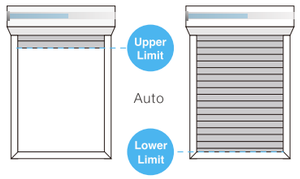
Features



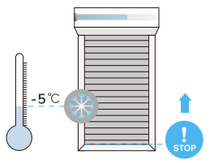
App Feedback



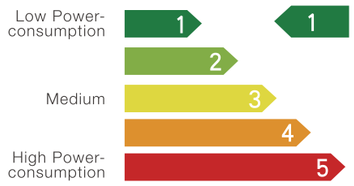
Super Reliable Stall Detection



Auto Limit Setting



Stall Protection



Energy Saving, Green Product

Control Options

APP Control

Remote Control

Remote Control

Single-channel Emitter
RR-1-BIDI

- Battery: 2*1.5V(AAA)
- Radio Frequency: 433.92MHz
- Working Temperature: -10°C ~ +50°C
- Dimension: 136*42*13.3(mm)

5-channel Emitter
RR-5-BIDI

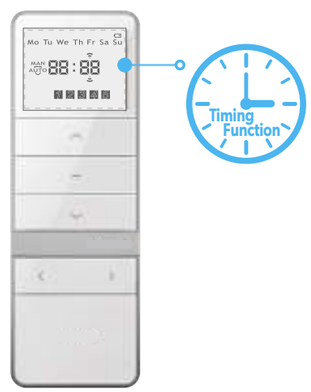
- Battery: 2*1.5V(AAA)
- Radio Frequency: 433.92MHz
- Working Temperature: -10°C ~ +50°C
- Dimension: 136*42*13.3(mm)

15-channel Emitter
RR-15-BIDI

- Battery: 2*1.5V(AAA)
- Radio Frequency: 433.92MHz
- Working Temperature: -10°C ~ +50°C
- Dimension: 136*42*13.3(mm)

15-channel Emitter
SRR-B15+

- Battery: 3VDC(CR2450)
- Radio Frequency: 433.05-434.79MHz
- Working Temperature: -10°C ~ +50°C
- Dimension: 131*46*11.1(mm)



5-channel Emitter
SRR-B5T+

- Battery: 3VDC(CR2450)
- Radio Frequency: 433.05-434.79MHz
- Working Temperature: -10°C ~ +50°C
- Dimension: 131*46*11.1(mm)

Receiver for Bidi box
DD50H

- Working Voltage: 120VAC, 60Hz, 230VAC, 50Hz
- Radio Frequency: 433.05-434.79MHz
- Working Temperature: -10℃ ~ +50℃
- One DD50H receiver can store Max. 10 channels, after more than 10 channels, only the last channel will be covered recycledly

Flush-mounted receiver via Wi-Fi and Bidi
DD119CA

- AC power 185V~250V
- Radio Frequency: 433.05-434.79MHz
- Maximum output power: 300W
- Virtual percentage control (limits need to be learned firstly)
- Dimension: 48.5*45*27(mm)

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