

Next-Gen smarthome standard



“matter,” is here

“One protocol to connect compatible devices and systems with one another. Smart home devices should be secure, reliable, and seamless to use. And with Matter, they are.”

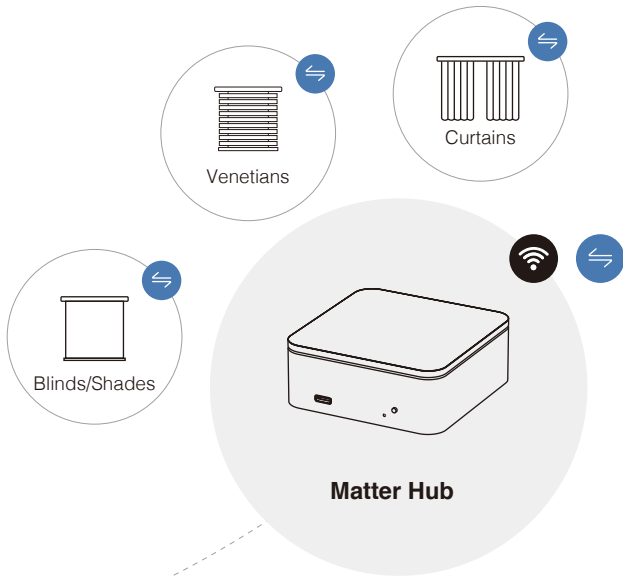
— Connectivity Standards Alliance



Connector
Smart Motorization Made Easy



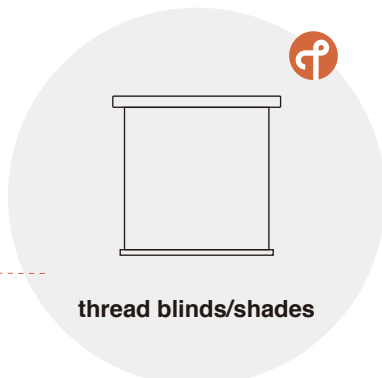




Bi-directional motors are compatible with a variety of smart home ecosystems through Connector Bridge access and can be controlled by Amazon Alexa, Google Assistant, Samsung Smartthings, and IFTTT. Bi-directional motors are now also supported using Matter Hub to bridge your existing bidirectional motors to Matter System.



Matter uses a wireless technology based on Internet Protocol (IP), which Wi-Fi routers use to assign an IP address to each connected device. Therefore, 'Matter works over Wi-Fi' motors can be used directly.



Thread motors join users' existing home network through a Thread Border Router. Just like a Wi-Fi router can connect Wi-Fi devices into the network, a Thread Border Router allows Thread motors to become part of users' networks.

matter hub

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



Matter Supported



Connector Platform Supported



Hub configuration via QR code



OTA Firmware Update



Powered by USB Type-C



Radio+ Control



433.92MHz



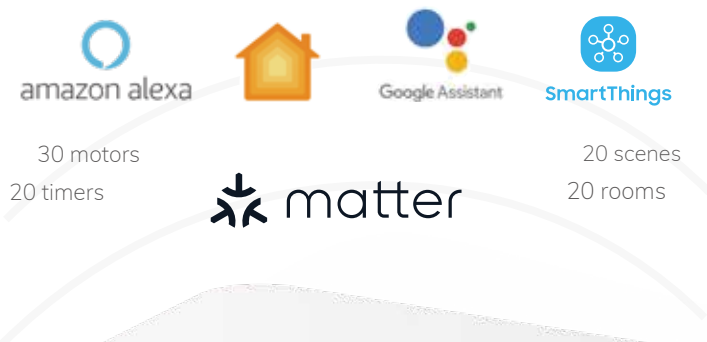
0°C ~ 40°C



FC



L75 x W75 x H31.5 (mm)



Matter Tubular Motor

Matter over thread + 433MHz bi-directional

Thread is an IP-based wireless mesh networking technology, designed for smart home devices. With Low-powered mesh, it supports battery-operated motors, with a mesh that delivers range and reliability.

Thread motors join users' existing home network through a Thread Border Router. Just like a Wi-Fi router can connect Wi-Fi devices into the network, a Thread Border Router allows Thread motors to become part of users' networks.

Works with



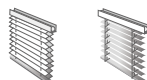
DC DM25LEU/M
5V type-C

- Speed Regulation & Noise Reduction
- Switch Direction
- Stall Protection
- Built-in Receiver
- Built-in Lithium Battery
- Jog Mode
- Program Button



DC DM28LEU/M
5V type-C

- Speed Regulation & Noise Reduction
- Switch Direction
- Stall Protection
- Built-in Receiver
- Built-in Lithium Battery
- Jog Mode
- Program Button



DC DV24WE/M
12V

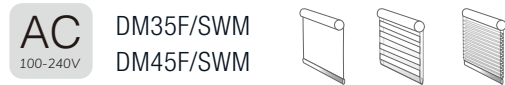
- Switch Direction
- Stall Protection
- Jog Mode
- Built-in Receiver
- Multiple Stop Positions
- External Battery
- Speed Regulation
- Program Button

Matter Tubular Motor & Curtain Motor

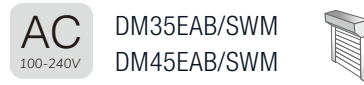
Matter over Wi-Fi + 433MHz bi-directional

Matter uses a wireless technology based on Internet Protocol (IP), which Wi-Fi routers use to assign an IP address to each connected device. Therefore, 'Matter works over Wi-Fi' motors can be used directly.

Works with



- Preferred Stop Position
- Electronic Limit
- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Radio Lock
- Jog Mode



- Electronic Limit
- Precise Limit Setting
- Stall Protection
- Radio Lock
- Switch Direction
- Program Button
- Switch Control
- Preferred Stop Position



- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run By Pulling Fabric



- Switch Direction
- Stall Protection
- Built-in Receiver
- Program Button
- Manual Override
- Dry Contact Input
- Auto Limit Setting
- Stop/Run By Pulling Fabric



Radio+



matter

Matter Receiver & Switch

Matter over Wi-Fi + 433MHz bi-directional

Works with



Matter over Wi-Fi
Match for Standard Motor

Receiver DD50M

- Matter Supported
- One receiver per motor
- Max paired motor torque: 120Nm
- Compatible with all DOOYA emitters
- Input / Output voltage: 230V
- Out power: 500W
- Radio frequency: 433.92MHz
- Dimension: 100x27x40.5(mm)



Matter over Wi-Fi
Match for Standard Motor

Receiver DD117M

- Matter Supported
- One receiver per motor
- Sensitive stall detection (by current)
- Virtual percentage control (limits need to be learned firstly)
- For standard or interlock wall switch
- Max paired motor torque: 50 Nm
- Output power: 300W
- Dimension: 48 x 45 x 23 (mm)



Matter over Wi-Fi
Match for Lighting

Switch DD119M

- Matter Supported
- Wireless control
- Compatible with external switch
- Compatible with all DOOYA emitters
- Rated Voltage: 230V
- Output power: 200W
- Radio frequency: 433.92MHz
- Dimension: 48.5x45x27(mm)