

CSM-QMT60-DRP-DCEX

Crestron® Drapery Track Motor w/ infiNET EX®

- > Quiet drapery motor with 120" (3048 mm) 120V AC power cord
- > Built-in infiNET EX® wireless communications
- > Adjustable limits, soft starts and stops
- > Supports drapery tracks up to 360" (9144 m)^[1]
- > Touch Motion feature allows users to activate motor by simply pulling on drapery fabric
- > Fully integrated design, with no external modules required
- > Standard or inverse mounting

NOTE: The CSM-QMT60-DRP-DCEX is only available as part of a Crestron® drapery track system and cannot be ordered on its own. To configure shades or order shading parts and accessories, please use the Crestron Design Tool for Crestron Shading Solutions or call 1-855-53-S-H-A-D-E (537-4233) for support.

The CSM-QMT60-DRP-DCEX Drapery Track Motor provides quiet yet robust operation for Crestron drapery tracks. Fully integrated electronics eliminate the need for bulky add-on interface modules, allowing for a clean, streamlined installation. The CSM-QMT60-DRP-DCEX uses robust infiNET EX® wireless technology for communications. A Cresnet® wired version of the motor is also available (model CSM-QMT60-DRP-DCCN).

The CSM-QMT60-DRP-DCEX can integrate seamlessly into a Crestron control system to be operated from keypads, wireless remotes, and touch screens. A local three-button interface lets users test drapes after installation and also set limits. Power is supplied via a 120V AC power cord attached to the CSM-QMT60-DRP-DCEX. A wire cover on the side of the motor assembly can be used to route the power cord, helping to conceal it.

The choice of standard or inverse mounting, as well as the ability to install on either the left or right side of the drapery track, makes the CSM-QMT60-DRP-DCEX flexible during installation. In the event of a power outage, a manual override feature allows users to move drapes manually.

Touch Motion Feature

By gently pulling on the edge of the drapery fabric, users can activate the CSM-QMT60-DRP-DCEX to move drapes along the track to an open or closed position.

infiNET EX

Ultra-reliable infiNET EX wireless technology provides steadfast two-way RF communications throughout a residential or commercial structure without the need for physical control wiring. Employing a 2.4 GHz mesh network topology, each infiNET EX device functions as an expander, passing command signals through to every other infiNET EX device within range (approximately 150 feet or 46 meters indoors), ensuring that every command reaches its intended destination without disruption^[2].

The CSM-QMT60-DRP-DCEX communicates with a Crestron control system via an infiNET EX Wireless Gateway (model CEN-RFGW-EX, DIN-AP3MEX, or MC3^[3]). Up to 100 infiNET EX devices may coexist on a single wireless network, and every device that is added to the network effectively increases the range and stability of the entire network by providing multiple redundant signal paths^[2].



SPECIFICATIONS

Motor Specifications

Torque: 1 Nm
Average Linear Speed: 4.9"/s (125 mm/s) to 7.86"/s (200 mm/s)
Duty Cycle: 10 min on/20 min off
Max Track Length Supported: 360" (9144 mm)^[1]
Maximum Number of Splices: 2
Minimum Bending Radius: 11.8" (300 mm)
Minimum Curving Radius: 118" (2997 mm)
Side Opening Max Weight: 132 lbs (59 kg)
Center Opening Max Weight: 132 lbs (59 kg)
Intrusion Protection (IP): 30

Power Requirements

120 - 240 Volts AC, 50/60 Hz, line power

Power Usage

1A @ 120 Volts AC, 0.5A @ 240 Volts AC

Wireless

RF Transceiver: infiNET EX 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant
Range (typical): 150 ft (46 m) indoor, 250 ft (76 m) outdoor to nearest mesh network device(s); subject to site-specific conditions and individual device capabilities^[2]
Gateway: Requires an infiNET EX gateway^[3]

Connectors

Line Power: (1) Attached power cord (~120" long, 3048 mm) with molded NEMA plug

Controls & Indicators

LED: (3) LEDs (Green/Amber/Red), indicate motor status

Buttons: (3) pushbuttons (OPN/CLS/SET), used to perform programming and setup functions

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 12.43" (316 mm)

Width: 3.66" (93 mm)

Depth: 2.08" (53 mm)

Standards & Certifications

c TUV us, CE

MODELS

Available Models

CSM-QMT60-DRP-DCEX: Crestron® Drapery Track Motor w/ infiNET EX®

Notes:

1. Actual maximum track length supported is dependent on drapery fabric chosen.
2. Any infiNET EX device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered infiNET EX devices do not provide expander functionality. A dedicated infiNET EX Wireless Expander, model CLW-EXPEX or GLA-EXPEX, is also available.
3. Item(s) sold separately.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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