

CM-241 & CM-242 Series ValueWave+™ Microwave Touchless Switches

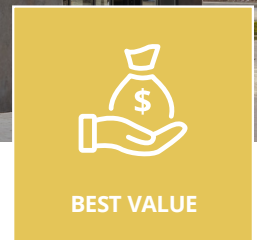


CM-241 & CM-242 Series are microwave sensor switches designed for access control and ADA compliant automatic door applications. The microwave sensor responds to motion quickly and maintains its reliable performance in harsh environmental conditions such as smoke, dust, varying light, and temperature changes.

CM-241 & CM-242 Series Touchless Switches are available with a stainless steel faceplate, in single gang or double gang configurations, with a variety of graphic options.



ADVANCED
TECHNOLOGY



BEST VALUE

Features

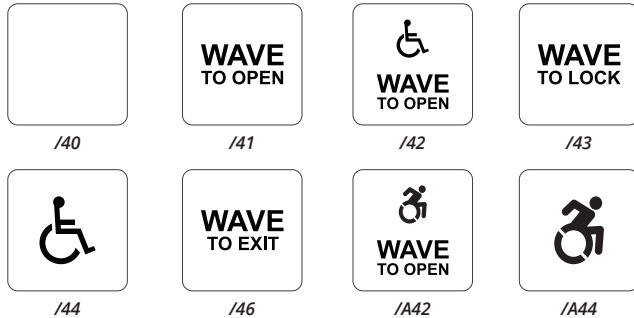
- CM-241 with built-in red and green LED indication. Factory default - red (standby), green (triggered)
- CM-242 with built-in blue and green LED indication. Factory default - blue (standby), green (triggered)
- Versatile bi-color LED red/blue and green/blue LEDs can be controlled by sensors or external remote control
- Option for manual 'Override' switch
- Sunlight and reflection resistant microwave sensing technology minimizes false activations caused by reflective surfaces and ambient sunlight - delivering reliable and accurate operation in challenging environments
- Adjustable detecting distance: 4"-16" (10cm to 40cm)
- Adjustable time delay: 2-20 seconds or toggle
- IP65 rating



SPECIFICATIONS

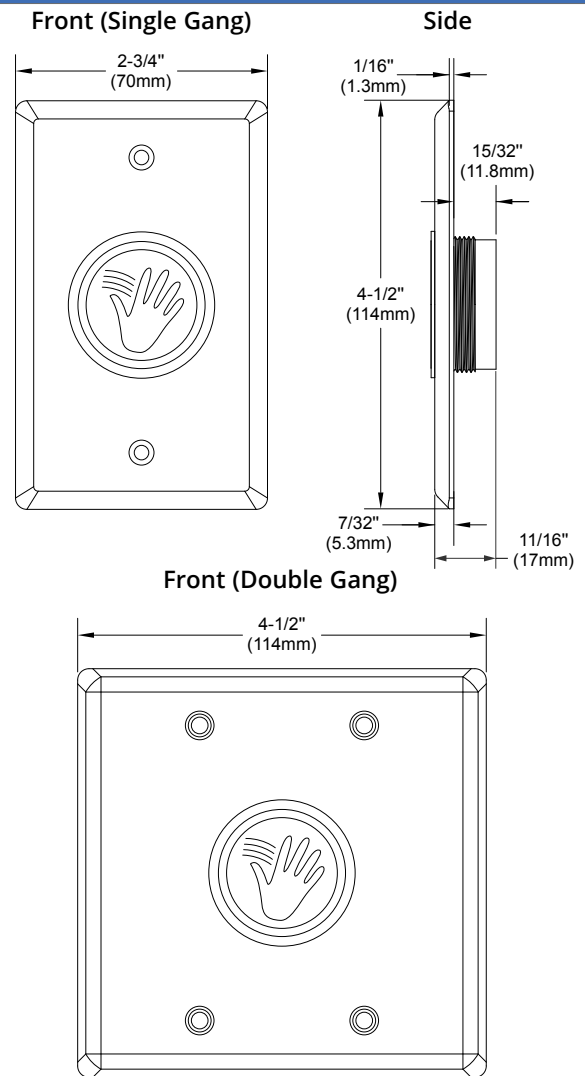
VOLTAGE:	12-24 VDC
CURRENT DRAW:	Standby: <100mA Active: <100mA
CONTACT RATING:	1 Amp @ 30 VDC
CONTACTS:	Common/N.O./N.C.
TEMPERATURE RANGE:	-4°F to 140°F (-20°C to +60°C)
TIME DELAY:	2/5/10/20s (Pulse Mode) Pulse and Toggle
DETECTING DISTANCE:	8" (20cm) Factory Default Range: 4/8/12/16" (10/20/30/40cm)
IP RATING:	IP65
MANUAL OVERRIDE:	1 Amp @ 30 VDC SPDT ('M' Models Only)
DIMENSIONS:	Single Gang: 4-1/2" H x 2-3/4" W x 11/16" D (114mm x 70mm x 17mm) Double Gang: 4-1/2" H x 4-1/2" W x 11/16" D (114mm x 114mm x 17mm)

FACEPLATE GRAPHICS



NOTE: All CM-241 and CM-242 series hands-free switches come with hand wave icon on the sensor as factory standard.

DIMENSIONS



MODELS

RED/GREEN ILLUMINATION

CM-241	Single gang microwave hands-free touchless switch, compatible surface mounting box CM-34BL
CM-241M	Single gang microwave hands-free touchless switch, with manual switch override, compatible surface mounting box CM-34BL
CM-241/xxW	Double gang microwave hands-free touchless switch, compatible surface mounting box CM-53
CM-241M/xxW	Double gang microwave hands-free touchless switch, with manual switch override, compatible surface mounting box CM-53

BLUE/GREEN ILLUMINATION

CM-242	Single gang microwave hands-free touchless switch, compatible surface mounting box CM-34BL
CM-242M	Single gang microwave hands-free touchless switch, with manual switch override, compatible surface mounting box CM-34BL
CM-242/xxW	Double gang microwave hands-free touchless switch, compatible surface mounting box CM-53
CM-242M/xxW	Double gang microwave hands-free touchless switch, with manual switch override, compatible surface mounting box CM-53

SWITCH AND POWER SUPPLY KIT

-P3	Add Suffix '-P3' to CM-241 & CM-242 Series Touchless Switch model # for a CX-PS13v3 Linear Power Supply
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