# CM-221 & CM-222 Series ValueWave™ Touchless Switches

RoHS COMPLIANT

ADA Compliant

**Camden CM-221 & CM-222 Series ValueWave™ switches eliminate the spread of germs through the convenience of hands-free activation, and provide industry-leading dependability and performance.**

Ideal for indoor or outdoor use, as part of an automatic door or access control system, ValueWave™ no-touch switches are designed for easy installation and trouble-free service in high traffic applications.

CM-221 & CM-222 Series switches are available in a range of models with narrow, single and double gang stainless steel faceplates and a selection of faceplate graphics.

## Features

- Adjustable sensor range 2" to 8" (5 to 20 cm)
- Adjustable time delay (0.5 to 20 sec.) and toggle operation
- Red/green or blue/green light ring with switch or remote activation
- Weather/water resistant, IP 65 rated
- Single, narrow and double gang heavy gauge stainless steel faceplates
- Selection of faceplate laser etched graphics, resistant to cleaners
- (1) Form 'C' contact, 1A @ 30 VDC
- Option for manual 'Override' switch

## SPECIFICATIONS

OPERATING VOLTAGE: - 12 - 24 VDC ± 10%
- FILTERED, REGULATED DC POWER SUPPLY REQUIRED
- CONNECTION OF AC OR DC VOLTAGE ABOVE SPECIFIED RANGE VOIDS WARRANTY

CURRENT DRAW: 45 mA (PEAK)

RESPONSE TIME: 10ms

TEMPERATURE RANGE: 14°F to 122°F (-10°C to +50°C)

CONTACT RATING: 1 AMP @ 30 VDC

CONTACTS: COMMON / N.O. / N.C.

| MODELS | RED / GREEN ILLUMINATION | BLUE / GREEN ILLUMINATION |
|---|---|---|
| **'Wave to Open' Graphics** | **CM-221 / A42** ValueWave™ Touchless Switch<br>Single Gang, Compatible Surface Mounting Box CM-34BL. | **CM-222 / A42** ValueWave™ Touchless Switch<br>Single Gang, Compatible Surface Mounting Box CM-34BL. |
| | **CM-221 / A42N** ValueWave™ Touchless Switch<br>Narrow (Jamb), Compatible Surface Mounting Box CM-23D. | **CM-222 / A42N** ValueWave™ Touchless Switch<br>Narrow (Jamb), Compatible Surface Mounting Box CM-23D. |
| | **CM-221 / A42W** ValueWave™ Touchless Switch<br>Double Gang, Compatible Surface Mounting Box CM-53. | **CM-222 / A42W** ValueWave™ Touchless Switch<br>Double Gang, Compatible Surface Mounting Box CM-53. |
| **'Wave to Exit' Graphics** | **CM-221 / 46** ValueWave™ Touchless Switch<br>Single Gang, Compatible Surface Mounting Box CM-34BL. | **CM-222 / 46** ValueWave™ Touchless Switch<br>Single Gang, Compatible Surface Mounting Box CM-34BL. |
| | **CM-221 / 46N** ValueWave™ Touchless Switch<br>Narrow (Jamb), Compatible Surface Mounting Box CM-23D. | **CM-222 / 46N** ValueWave™ Touchless Switch<br>Narrow (Jamb), Compatible Surface Mounting Box CM-23D. |
| | **CM-221 / 46W** ValueWave™ Touchless Switch<br>Double Gang, Compatible Surface Mounting Box CM-53. | **CM-222 / 46W** ValueWave™ Touchless Switch<br>Double Gang, Compatible Surface Mounting Box CM-53. |

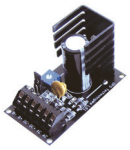
## SWITCH WITH MANUAL 'OVERRIDE'

**CM-221M / 46** ValueWave™ touchless switch w/ manual 'override', single gang, red / green illumination, compatible surface mounting box CM-34BL.

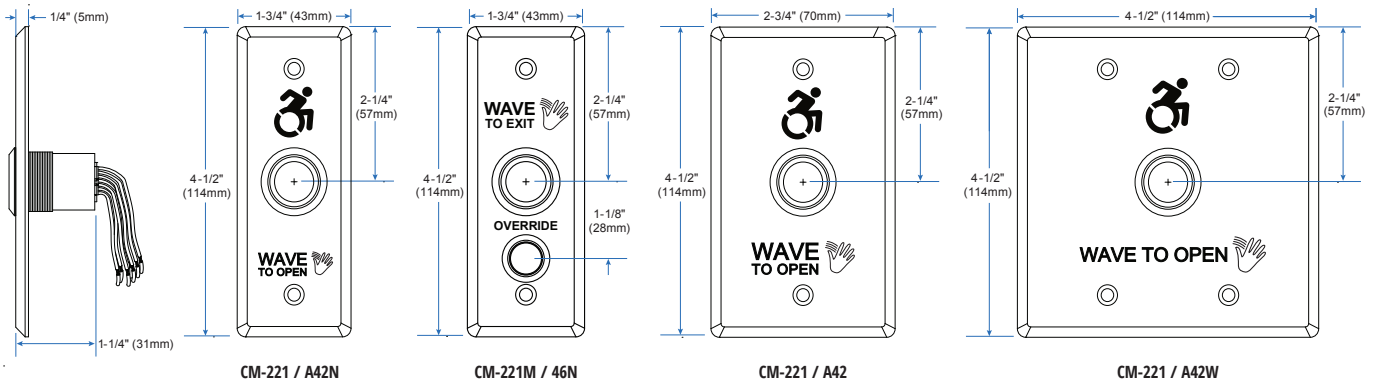
**CM-221M / 46N** ValueWave™ touchless switch w/ manual 'override', narrow (jamb), red / green illumination, compatible surface mounting box CM-23D.

## SWITCH AND POWER SUPPLY KIT

Add Suffix '**-P3**' to CM-221 & CM-222 Series Touchless Switch model # for a CX-PS13v3 Linear Power Supply.



## SWITCH DIMENSIONS




CAMDEN DOOR CONTROLS

Opening New Doors to Innovation, Quality, and Support!

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FS 541752
Part #: MKTG-LIT-SP-CM-221-222-R5