



TOUCHLESS SWITCHES

DOOR ACTIVATION DEVICES

CM-221 & CM-222 SERIES: VALUEWAVE™ TOUCHLESS SWITCHES

ValueWave™ 12/24 VDC touchless switches with 1 relay are IP65 rated for indoor or outdoor use, and are ideal for use in automatic door or access control systems. These **no-touch switches** are designed for easy installation and trouble-free service in high traffic applications.

Available in narrow, single and double gang stainless steel faceplates with a selection of faceplate graphics. ValueWave™ hands free switches are water resistant and offer a built-in light ring standard. Now available with an optional manual override switch.



Features	
<ul style="list-style-type: none"> Adjustable sensor range 2" to 8" (5 to 20 cm) Adjustable time delay (0.5 to 20 seconds) and toggle operation Red/green or blue/green light ring with switch or remote activation Weather/water resistant, IP 65 rated 	<ul style="list-style-type: none"> Single, narrow and double gang stainless steel faceplates Selection of faceplate laser etched graphics, resistant to cleaners (1) Form 'C' contact, 1A @ 30 VDC Option for manual 'override' switch

MODELS (RED/GREEN ILLUMINATION)		List Price
CM-221	ValueWave™ Touchless Single Gang Switch, Compatible Surface Mounting Box CM-34BL	\$120.00
CM-221M	ValueWave™ Touchless Single Gang Switch w/ Manual 'Override', Compatible Surface Mounting Box CM-34BL	\$140.00
CM-221/xxW	ValueWave™ Touchless Double Gang Switch, Compatible Surface Mounting Box CM-53c	\$120.00
CM-221M/xxW	ValueWave™ Touchless Double Gang Switch w/ Manual 'Override', Compatible Surface Mounting Box CM-53c	\$140.00
CM-221/xxN	ValueWave™ Touchless Narrow (Jamb) Switch, Compatible Surface Mounting Box CM-23D	\$120.00
CM-221M/xxN	ValueWave™ Touchless Narrow (Jamb) Switch w/ Manual 'Override', Compatible Surface Mounting Box CM-23D	\$140.00

MODELS (BLUE/GREEN ILLUMINATION)		List Price
CM-222	ValueWave™ Touchless Single Gang Switch, Compatible Surface Mounting Box CM-34BL	\$120.00
CM-222M	ValueWave™ Touchless Single Gang Switch w/ Manual 'Override', Compatible Surface Mounting Box CM-34BL	\$140.00
CM-222/xxW	ValueWave™ Touchless Double Gang Switch, Compatible Surface Mounting Box CM-53	\$120.00
CM-222M/xxW	ValueWave™ Touchless Double Gang Switch w/ Manual 'Override', Compatible Surface Mounting Box CM-53	\$140.00
CM-222/xxN	ValueWave™ Touchless Switch Narrow (Jamb), Compatible Surface Mounting Box CM-23D	\$120.00
CM-222M/xxN	ValueWave™ Touchless Narrow (Jamb) Switch w/ Manual 'Override', Compatible Surface Mounting Box CM-23D	\$140.00

Power Supply Option		List Price
-P3	Add '-P3' to CM-221 Series model # for a CX-PS13v3 Linear Power Supply. Provides Filtered Regulated 12/24V AC/DC Power.	\$28.00

Faceplate Graphic Options							
CM-xx/40	CM-xx/41	CM-xx/42	CM-xx/43	CM-xx/44	CM-xx/46	CM-xx/A42	CM-xx/A44
\$00.00	\$00.00	\$00.00	\$00.00	\$00.00	\$00.00	\$00.00	\$00.00

Specifications

Voltage:	12-24 VDC ± 10%
	- Filtered, regulated DC power supply required
	- Connection of AC/DC voltage above specified range will void product warranty
Current:	45 mA (peak)
Response Time:	10ms
Temp Range:	-13°F to 122°F (-25°C to +50°C)
Contact Rating:	CM-221M (PIR/Push button): 1A @ 30 VDC
Contacts:	CM-221M: Common / N.O. / N.C.
Dimensions:	Narrow: 1 3/4" W x 4 1/2" H x 1 1/4" D (43 mm x 114 mm x 31 mm) Single Gang: 2 3/4" W x 4 1/2" H x 1 1/4" D (70 mm x 114 mm x 31 mm) Double Gang: 4 1/2" W x 4 1/2" H x 1 1/4" D (114 mm x 114 mm x 31 mm)
Manual Override:	1 amp @ 30 VDC SPDT (*M' Models Only)