

SUREWAVE™ & VALUEWAVE+™ MICROWAVE COMPARISON CHART

FEATURE	SUREWAVE™	VALUEWAVE+™ MICROWAVE
Sensing Technology	Active Infrared (IR)	Microwave Motion Sensing
Activation Method	Detects a hand/object within a defined sensing zone	Detects motion using low-power microwave signals
Detection Range	Models available from 1"-28", with some extended-range models up to 6 ft	Adjustable range approximately 4"-16" (10-40 cm)
Model Variety	Extensive lineup: wired, wireless, battery-powered, 1-relay, 2-relay, short-range, healthcare versions	Simpler lineup focused on microwave-based touchless activation
Environmental Performance	Excellent general-purpose performance. Not recommended for outdoor use.	Particularly resistant to dust, smoke, lighting changes, and temperature variations
Special Applications	Automatic doors, REX, healthcare, access control, retrofit projects	Harsh environments, high-traffic areas, indoor/outdoor installations
Wireless Options	Yes (CM-336 series)	Remote-control capable; fewer configuration options
Relay Options	1 or 2 relays, door sequencing available on some models	Primarily standard activation functions
ADVANTAGES	- Line-powered models (CM-331, CM-332) - Battery-powered hybrid models (CM-333) - Fully wireless models (CM-336) - Short-range healthcare models (CM-325) - Single and dual-relay versions - Door sequencing capabilities on certain models	- Reliable operation in rain, snow, dust, smoke, and changing lighting conditions - IP65-rated indoor/outdoor performance - Fast motion detection - Good choice for high-traffic entrances - Cost-effective alternative to higher-feature product lines

CHOOSE SUREWAVE™ IF:

- You need wireless or battery-powered options
- You need dual relays or door sequencing
- You want the broadest selection of configurations
- You're working in healthcare or specialized access-control environments

CHOOSE VALUEWAVE+™ MICROWAVE IF:

- You want a simpler, cost-effective touchless switch
- The installation is exposed to dust, smoke, moisture, or varying lighting conditions
- You prefer microwave sensing technology for consistent motion detection



Opening New Doors to Innovation, Quality, and Support!

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