

INTELLIGENT PARKING ACCESS

Case Study: MWave in Action



COMPANY



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ABOUT

Colorado Garage Door Service has been helping people solve their garage door repair needs with timely and affordable solutions for half a century. Proud to carry on founder Russell Dunn, Senior's vision into the 21st century, John Dunn has grown the business from garage door repair to expert retrofits for residential and commercial customers alike. When garage door challenges call for unique solutions, Colorado Garage Door Service provides the best possible outcome.

OVERVIEW

By installing an MWave intelligent motion sensor, Colorado Garage Door Service provided their customer, Plaza Residences at Belmar, a luxury condominium located in Lakewood, Colorado, with a single device to provide efficient, safe, and secure parking garage access to vehicular traffic. The motion sensor's flexible detection field, custom programming, and ability to differentiate between vehicular versus pedestrian traffic offered their customer the solution they needed, fulfilling the resident's needs and improving how they safely carry out their day-to-day activities.

CHALLENGE

Colorado Garage Door Service was challenged with clearing vehicular congestion and improving safety and security on the condominium's parking garage ramp. When Plaza Residences at Belmar contacted CGDS, vehicles entering the parking area would activate a remote opener with a key card from the top of a 200-foot-long ramp, triggering the door at the bottom of the ramp to open. The door operated on a limited timer, however, which posed a problem for residents and condo management. If vehicles were to stop for any reason along the ramp, the door would close, creating traffic congestions due to vehicles being trapped on the ramp without a way to access the garage.

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SOLUTION

Colorado Garage Door Service recommended MWave intelligent radar sensor for doors for the condo's unique environment. Designed with doppler radar technology, CGDS positioned the MWave sensor to identify vehicles with a larger detection field at the bottom of the ramp and programed it to stay activated until vehicles are beyond the field. MWave is also equipped with dual relays, which allowed CGDS to program the sensor to only recognize and activate the door for vehicles, not pedestrians. This function increased safety and security in this high traffic access point and offered the condominium more control over their environment.

RESULT

Installing the MWave sensor at the Plaza Residences at Belmar in Lakewood, Colorado ultimately helped the condominium improve efficiency in a high traffic vehicular area while boosting residential satisfaction at a critical entry point. MWave's quick response time increased the flow of residential vehicular traffic. The dual relay reduced potential safety and security issues associated with pedestrian foot traffic while still providing access to the intended vehicular traffic. By installing MWave, Colorado Garage Door Service was able to provide a flexible and customizable solution for the challenges of their customer's unique environment.

ABOUT MWAVE

MWave is a fully customizable, hands-free motion sensor equipped with dual relays. The intelligent dual relay design provides detection capabilities that differentiate between approaching, cross, and exiting traffic as well as between pedestrian and vehicular traffic. MWave allows for users to configure the device to meet their detection needs. Ideal for fast-paced environments, MWave comes pre-configured for a wide range of applications. When paired with the optional remote control, MWave can be configured from the ground, making custom programming fast and easy.

“MWave was the ideal product for our customer, both on price point and the availability of the adjustable settings.”

—John Dunn, President
Colorado Garage Door Service



MWave
Intelligent Motion
Sensor for Doors and
optional remote control



ABOUT MILLER EDGE

Miller Edge is the leading North American manufacturer of UL 325 recognized safety accessories for motorized commercial door and automated gate systems. The product line includes touch sensitive and non-contact devices such as sensing edges and photo eyes, in addition to a complete line of accessories designed to ease installation and enhance the level of safety for automatic door and gate systems.