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| **At a Glance**   * The world's first measuring 2-D radar technology for intelligent entrance automation. * Far-sighted measuring radars are sensors for targeted opening of doors and gates. These are especially suited for complex processes involving people and vehicles in front of the building and for challenging situations inside the building. * The measurement data and coordinates from movement, direction, speed, distance and angle are used to calculate process coordinates in order to determine the perfect opening time and ideal opening duration of a swing door or gate and to suppress unwanted events - i.e. first measure, then switch. |

# Measuring 2-D radar Sensors for Entrance automation with intelligence

## Measuring hits switching is the practical motto of the new era in access automation and the basis for maximum door and gate opening convenience with cost savings.

**Automatic doors and gates are an integral part of modern building technology. Sensor solutions used in this area must meet very high standards. Measuring 2-D radar technology from Sensotek sets new standards here.**

With their integrated measurement technology, the products from Radar MultiView RMV family from Sensotek obtain the necessary coordinates and vectors important for assessing motion sequences in front of the door or gate area. For the perfect operation of automatic doors and gates, it is crucial that moving people, vehicles and objects in the immediate vicinity are detected quickly and reliably.

The system provides the following advantages:

**·     Activation and forced opening areas:** The activation area is the key to perfectly functioning doors or gates. Only desired movement events in a defined activation field trigger the door or gate and actions of moving objects outside the activation field can be specifically suppressed. In confined spaces in front of the door or gate, targeted opening of the door or gate can be forced by an adjustable near field if necessary.

**·     Integrated web server:** The integrated web server can be used to respond to individual restrictions or customer requirements. This user interface is employed to interactively set activation areas.

**·     Multi-door/gate arrangements:** If there are several doors and gates directly next to each other, the measuring radar will only open the door or gate that is actually to be entered.

**·     Highly stable cross-traffic suppression:** Measuring 2-D radar technology from Sensotek makes it possible to achieve perfect cross-traffic suppression, because the algorithm knows the coordinates of moving objects based on its measurement data and knows where the object is moving.

**·     Energy saving:** The benefit for the operator is the energy saving, which in terms of the door/gate opening - only as long as necessary - keeps the energy loss of the building to a minimum with the needs-based opening triggered by the measuring radar sensors.

**·     Retrofit business:** The products from the measuring radar RMV family are compatible with almost all existing radar sensors.

**Sensotek. Intelligent Sensor Solutions**

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| **caption** | Product image of Radar MultiView RMV | RMV-D2 for Doors Automation |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_VjNoa09GWm5Ra3RwU1VVNVRFSktaa3RZYmtjclp6MDk&download=1> | |

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| **caption** | The Radar MultiView RMV | RMV-D2 integrates unobtrusively into modern door designs and existing systems thanks to its slim, elegant profile |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_VjFWRE15dGxVbUZzUXpaMmNTOVFSVmwxYVRSbFp6MDk&download=1> | |

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| **caption** | Product image of Radar MultiView RMV | RMV-G2 for Gates Automation |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_VnpaeVNWTkRPSFF2WkM5WFkzVTNSRUZsVG1aSFVUMDk&download=1> | |

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| **caption** | The Radar MultiView RMV | RMV-G2 has a measurement process to analyze and evaluate events in front of automatic actuators even more precisely |
| **Download-URL**  <https://myconvento.com/public/get_file.php?id=enc2_THpOdFpXdFlRMlZPU0hSSFZVbzRTRnAxU1ZKSFVUMDk&download=1> | |

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