

**Detect and Act**



## Motion Detector, MD200

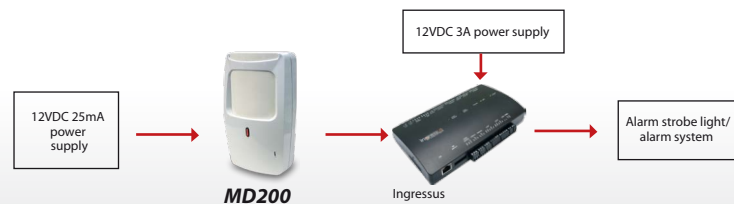
FingerTec Motion Detector MD200 is a device that detects moving objects, particularly people. It can be integrated as a component with the FingerTec Ingressus access control system to automatically perform a task or alert an administrator if any movements are identified in an area. MD200 uses K-Band microwave technology and uniform sensitivity optics to achieve its function. Its optic sensor detects movement by reading microwave signals that bounce back from objects. Any moving object within its maximum sensing distance of 11 meters can trigger MD200 to alert an administrator.

False alarms are also minimized with Pet Immunity (for pets up to 100lbs), White Light Immunity (up to 6,500 lux) as well as other features. MD 200 is designed to be battery-operated for easy installation, and is your perfect component to complement your security solution.

### BENEFITS

- K-Band microwave technology delivers detection without weak spots
- Sensitive and wide-angled sensors secure areas up to 11m x 12m
- Independent circuit to supervise microwave signals to avoid failure
- Connection to Ingressus via auxiliary output
- Simple wall-mount design to ease installation
- False Alarm Prevention (FAP): Pet Immunity for pets' weight below 100 lbs
- FAP: White Light Immunity up to 6,500 lux for lights or reflective objects
- FAP: Repels radio frequency signals, electrostatic discharge & electrical overstress

### INSTALLATION DIAGRAM



### SPECIFICATIONS

#### POWER REQUIREMENT

Sensor	DC 7.5 - 16V 25mA
Alarm Relay	Energized Form A, DC30V, 500mA

#### SENSOR DETAILS

Frequencies	24.125 GHz
PIR White light immunity	6500 Lux typical
RFI immunity	30V/m, 10MHz-1000MHz
Operating temperature	-10 to 55 C
Humidity	5 - 95% relative humidity (non - condensing)
Sensitivity	2-4 steps within field of view
Dimensions	11.9cm (H) x 7.1 cm (W) x 4.2 cm (D)

