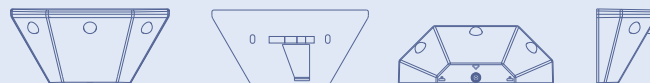


# COBRA™

## QMS 180°

Quad-Motion-Sensor 180 Degree View Area  
Dual Sensor Technology 3 Passive Infrared  
(PIR) 1 Microwave (MW)  
[www.smarthomebus.com](http://www.smarthomebus.com)



The Cobra QMS 180 is designed to be an "INSTANT ON" device with no "false alarm circuitry" to delay the sensor activation. The QMS180 "sees" in a 180 degree semi-circle around the front surfaces of the sensor. This leaves no blind spots for an intruder to approach the protected doorway. Place QMS180 above RAIDD protected Doorway.

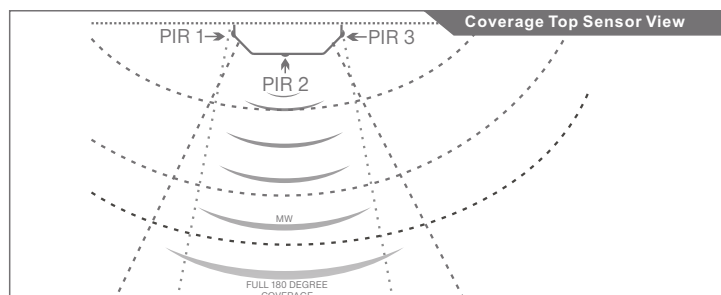
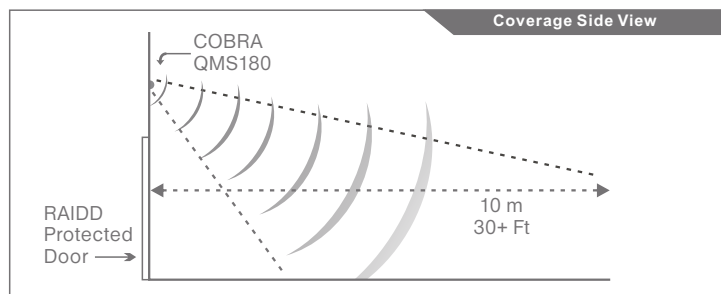


**SMARTHOME**  
GROUP  
Smart home for everyone



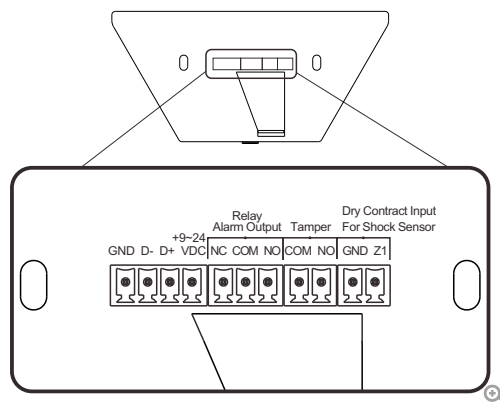
## The QMS 180°

Quad-Motion Sensor With 180 Degree motion sensing utilizes Dual Sensor Technology: 1 MicroWave Detector (Forward wide field view) and 3 Passive Infrared (PIR) Sensors that overlap their detection fields to create a 180 degree "semicircle" around the QMS180. This dual and overlapping system provides full and "Instant On" activation of the RAIDD Door Defense System at the 1st sign of any intruder within the protected sensor zone.



### CONTROL CONTACTS: INSTALLATION PROTOCOL

Power supply is 12VDC to DC24V. Do not connect the QMS180 to any other voltage. Unit works on a maximum of 5 amps.



### Connections

1st Connector Group (4 Wire Inserts):

1. +24V / 2. D+ / 3. D- / 4. GND: S-BUS connection,

2nd Connector Group (3 Wire Inserts):

1. N-C / 2. COM / 3. N-O:

DC30V 2A output, this is for integrating 3rd party product.

If it's NC, use 2 wires to connect NC, COM if it's NO, use 2 wires to connect NO, COM. When the status of Any sensor is movement, this relay will be on. When it's no movement, this relay will be off.

3rd Connector Group (2 Wire Inserts)

1. TAMPER Relay: DC30V 2A output. This relay will be on if the Plastic Housing is opened, and this relay will be off if the Plastic Housing is closed. This relay can be connected siren for alarm. works DC30V or less than DC30V.

4th Connector Group (2 Wire inserts)

1. Z1: this is an additional dry connect Input contact port, this can be connected to a Shock Sensor, a exterior Pressure Contact or other exterior Motion (i.e. Laser Interference) and causes activation of the RAIDD (same as QMS180).