Coverage Top Sensor View

Ⓢ MESH Ready

COBRA™
QMS 180°

Quad-Motion-Sensor
180 Degree View Area
Dual Sensor Technology
3 Passive Infrared (PIR)
1 Microwave (MW)

PIR 1→ ←PIR 3
PIR 2
MW
FULL 180 DEGREE COVERAGE

COBRA QMS180

Coverage Side View

RAIDD Protected Door →

10 m
30+ Ft

FACTS INTERNATIONAL LTD

The Cobra QMS 180 is designed to be an "INSTANT ON" device with no "false alarm circuitry" to delay the senor 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.

FACTS INTERNATIONAL, LTD

Facility Access Control Technology Systems™
Wireless Valley Technology Park, Nanjing, China
WEBSITE: www.factsintl.com EMAIL: info@factsintl.com

ENVIRONMENTAL PRODUCT
FRAGILE
RECYCLABLE MATERIAL
STORE UPRIGHT
GREEN BUILDING SUPPORTED
ENERGY SAVING READY
KEEP DRY ALWAYS
HANDLE WITH CARE
DO NOT DROP

The Cobra QMS180 was designed by the Smart Home Group, Changping, China, and is Exclusively Manufactured for FACTS Int'l Ltd by the Smart Home Group for use with the RAIDD System.

Cobra QMS 180, RAIDD, Facility Access Control Technology Systems, and are Trademarks of FACTS Int'l ,Ltd. All Rights Reserved. Copyright 2012

ETL Listed **Certified**   CE **Certified**

Product Model Details

Model: COBRA QMS180
12 volt / Rated 5 amp DC
Rated: Continuous Operation
Normal Switch Configuration: N/O
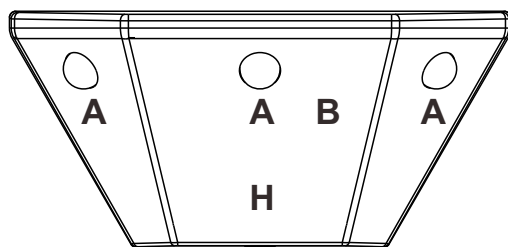 "Smart Bus" Compatible
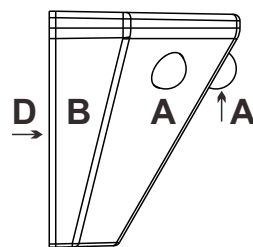Ported: 1 Extra Zone Port - N/O

0610696255051

International Management Systems Certified:
ISO 9001:2008, ISO 14001:2004 and
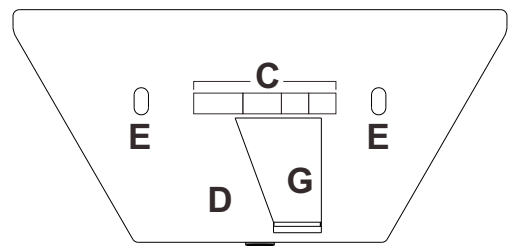OHSAS 18001:2007

COBRA™
QMS 180°

Quad-Motion-Sensor
Dual Sensor Technology
For RAIDD™ System

DESIGNED EXCLUSIVELY FOR USE WITH

RAIDD
Reinforced Anti-Invasion Door Defense

Reinforced Anti-Invasion Door Defense™

FACTS INTERNATIONAL LTD
Nanjing, China, 211100
Patents Pending

www.factsintl.com
info@factsintl.com
Copyright 2012 FACTS Intl Ltd.

Ⓢ MESH Ready
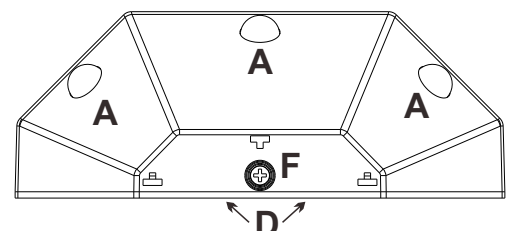
COBRA QMS 180°
USER   MANUAL
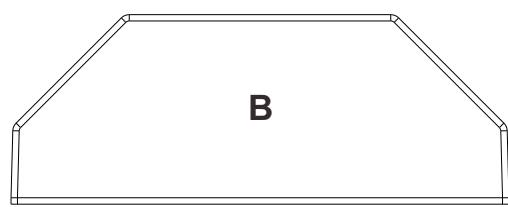
FRONT VIEW

SIDE VIEW
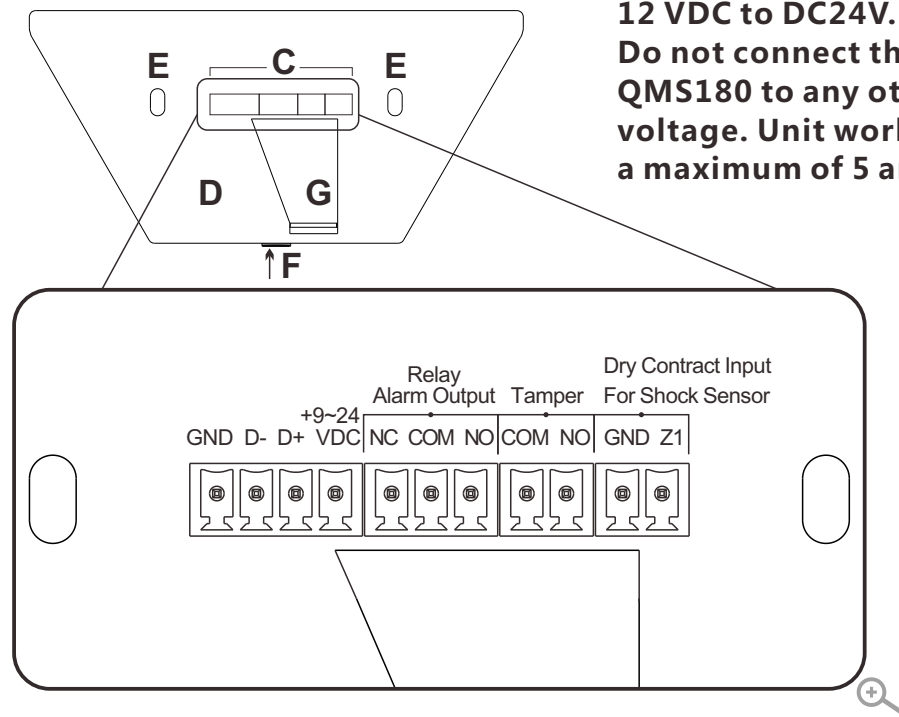
REAR VIEW

BOTTOM VIEW

TOP VIEW

COBRA QMS 180°

[A] PIR Sensors (Passive Infrared)
[B] UV Resistant Housing
[C] Control Contacts
[D] Rear Panel
[E] Mounting Holes (in Rear Panel)
[F] Bottom Locking Screw
[G] Cable Run
[H] Microwave Sensor (Not Visible)

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 "semi-circle" 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 12 VDC to DC24V. Do not connect the QMS180 to any other voltage. Unit works on a maximum of 5 amps.

Relay Alarm Output   Tamper   Dry Contract Input For Shock Sensor

+9~24
GND D- D+ VDC NC COM NO COM NO GND Z1

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).