



MASS MID FIRE ALARM CONTROL PANELS

August 11, 2023

Honeywell

CONTENT

Current Range

New Morley Lite & System Sensor Conv.

Hardware Configuration

Key Features & Benefits

MASS MID FIRE ALARM CONTROL PANELS

**MORLEY
LITE**

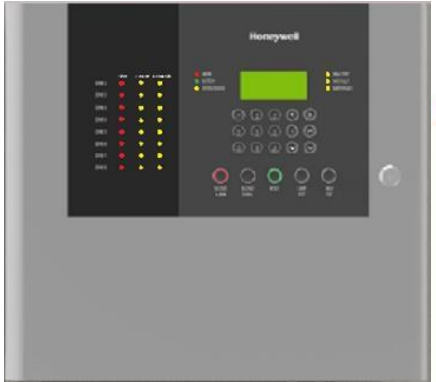
&

**SYSTEM
SENSOR**



WHY MASS MID FIRE ALARM CONTROL PANELS

WHY MORLEY LITE?



- Combination of quick installation
- Enhanced feature set and advanced programming
- Flexibility in configuration.
- Reliable and trouble free system
- Built as per latest safety standards of industry
- Restricts changes to fire panel configuration by any intruder
- Easy to operate

WHY SYSTEM SENSOR?



- Quick and easy installation
- Essential part of any fire detection requirement
- Equipped with configurable inputs
- Customise according to the needs of the user

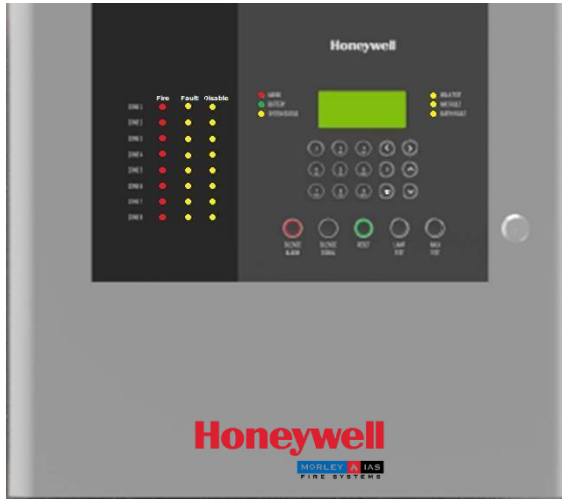
OFFERING COMPARISON

Features	System Sensor FACP	Morley-Lite FACP
Total FACP Capacity	160 det+40MCP+10NA	160 det+40MCP+10NA
Zone/Loop capacity	20 det+5MCP+5NA	20 det+5MCP+5NA
Certification	CE	CE
Addressability	X	Detectors (Photo/Heat/Multi)
N/w capability	Cloud Connectivity	Cloud Connectivity
3 rd party Integration	Onboard relay	Onboard relay
Display	16*2 Char LCD Display	16*4 Char LCD Display
Event Log / Printing	1000	1000
NAC / Loop powered	NAC	NAC

MORLEY LITE

Features / Benefits

Addressable



- 16 X 4 LCD display, aesthetically designed front facia
- Detector Addressability
- 2, 4, 6 and 8 Class B circuit – up to 1km : 20 detectors + 5 MCP
- Fire, Fault, Configurable Relay + Staged Delay configuration for alarm verification
- Class B circuit Wise NAC configuration + Enable/Disable facility
- Battery Charging/Battery Internal Resistance Monitoring
- Event Logging – 1000#
- On board memory lock switch - prevents unauthorized panel configuration
- Certified for Safety standard IEC 62368-1:2018; CE certificate.
- Mechanical Keylock

SYSTEM SENSOR

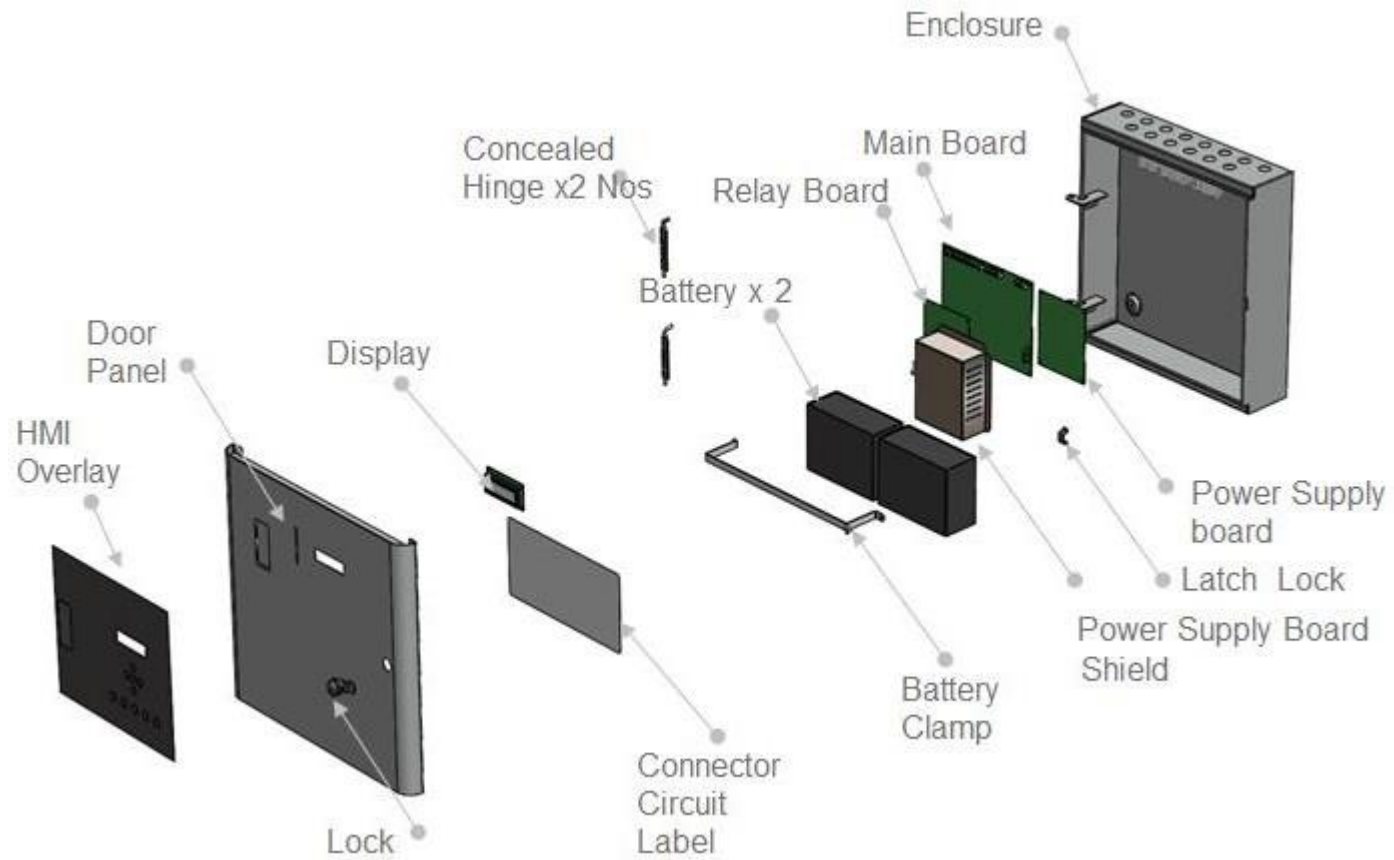
Features / Benefits

Conventional

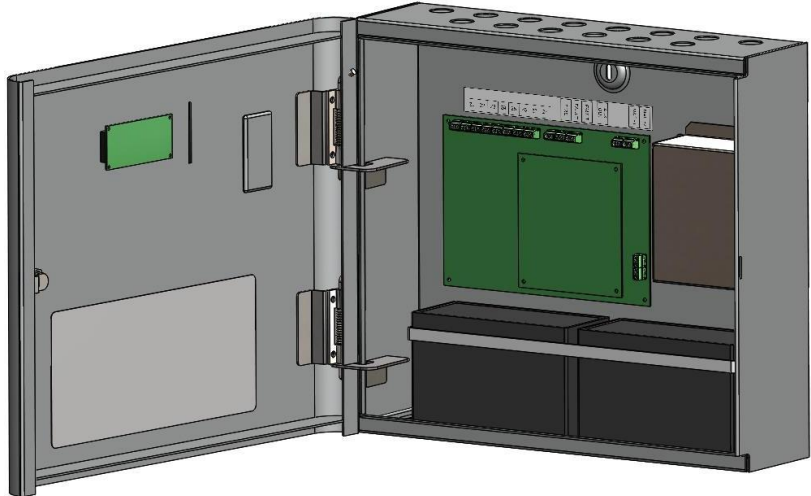


- 16 X 2 LCD display, aesthetically designed front facia/ LED's
- 2, 4, 6 and 8 zone variants
- Fire, Fault, Configurable Relay
- Individual Zone Isolation
- Earth Fault Monitoring
- Customizable text inserts
- Certified for Safety standard IEC 62368-1:2018; CE certificate
- Input for remote reset/evacuate/alert/fire
- Mechanical Keylock

MORLEY LITE / SYSTEM SENSOR



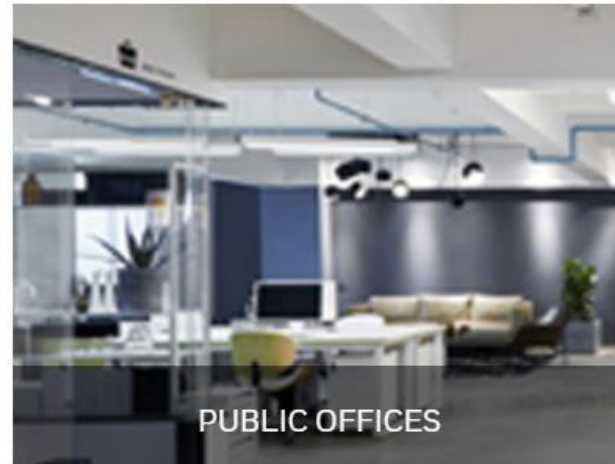
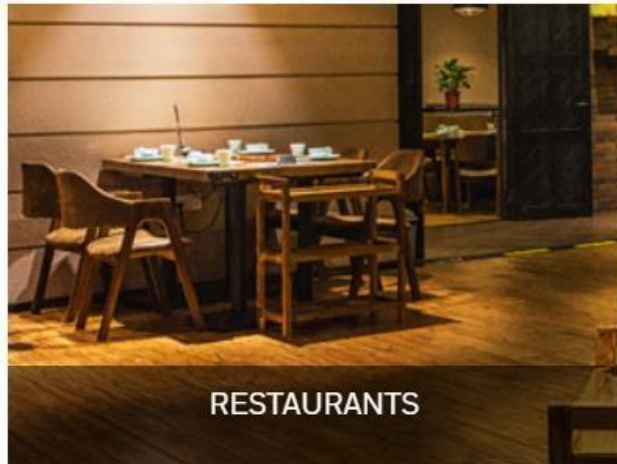
Construction



Key Points

1. Powder coated metal enclosure;
2. Concealed Hinge, 120° opening
3. Metal Strap Battery clamp
4. Connector tags on Mounting Bracket
5. 16x4 / 16x2 LCD Display Option

APPLICATION AREAS





Earth Fault Monitoring



Mechanical Keylock



Aux Output Facility



Easy & Quick Installation



Configurable delays to Output Devices



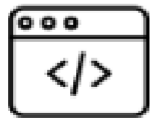
Exact pinpoint Location of Fire/smoke



NAC Circuit



Lamp Test, One Man Walk Test Facility



Programmable Inputs



Event Logging

**MORLEY
LITE**

**KEY
FEATURES**

**SYSTEM
SENSOR**



Earth Fault Monitoring



Mechanical Keylock



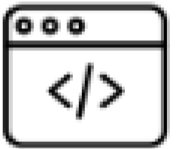
Aux Output Facility



Easy & Quick Installation



NAC Circuit



Inputs



Event Logging

DETECTORS & MODULES

Morley Lite



COMPATIBLE DEVICES

DETECTORS

MANUAL CALL POINTS

AV DEVICES

RESPONSE INDICATOR



HML PSE

KEY FEATURES

- Low profile design
- Low current draw
- Backward compatible with Series 100 detector range of bases
- Wide operating voltage 8 to 30VDC
- Bi-colour LED detector status indicator
- Programmable sensitivity
- Addressable features
- Advanced maintenance features via remote hand-held test unit
- Range of detector bases available



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HMLPTSE

KEY FEATURES

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- Low current draw
- Backward compatible with Series 100 detector range of bases
- Wide operating voltage 8 to 30VDC
- Bi-colour LED detector status indicator
- Automatic drift compensation
- Programmable sensitivity
- Addressable features
- Advanced maintenance features via remote hand-held test unit
- Range of detector bases available



B/401

DETECTOR BASE

COMPATIBLE DEVICES

Morley Lite

DETECTORS

MANUAL CALL POINTS

AV DEVICES

RESPONSE INDICATOR



MCP2A/R470SF
/01

KEY FEATURES

- Red Conventional Call Point with Back Box
- Stylish design with new MCP range focused on efficient installation and true integration of intelligent system interface
- Unique 'Plug and Play' concept along with total flexibility in choice of operating element
- Anti tamper facility and enhanced aesthetics with backward compatibility
- LED model with resistor (470ohm)
- Surface mounting
- Flexi element



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COMPATIBLE DEVICES

Morley Lite

DETECTORS

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AV DEVICES

RESPONSE INDICATOR



MHR/1

KEY FEATURES

- Mini Horn sounder designed to primary and secondary signaling for fire and security applications
- Facilitated with two volume settings
- 12-24 volt operation
- Compatible with System Sensor and Morley Lite System



SYS-HS

KEY FEATURES

- Wall Mount Horn + Strobe
- Mounting plates compatible with wide range of back box sizes
- Easy-to-use rotary dials for selection of candela and horn settings
- Built in synchronization for keeping the strobe synced for upto 30 min
- Strobes listed to UL 1638 and Horns listed to UL 464
- Reduced installation time and maximized profits

COMPATIBLE DEVICES

Morley Lite

DETECTORS

MANUAL CALL POINTS

AV DEVICES

RESPONSE INDICATOR



RI/007H

KEY FEATURES

Connected to Fire Detectors to indicate quickly the source of an alarm signal from detectors, which are not easily accessible or visible

- Visual indication of an alarm on a concealed conventional or addressable Detector
- Rugged / Industrial Design
- Flush Mounting, Wall mounting
- High bright LED (Wide Viewing Angle)
- Operating voltage - 5 to 28V DC
- Current - <15mA @ 12V DC
- Life upto 100000 Hrs.

Elements of a Control Panel

Inputs

A fire alarm system can have a variety of input devices.



Smoke Detector



Manual Pull Station

Elements of a Control Panel

Outputs

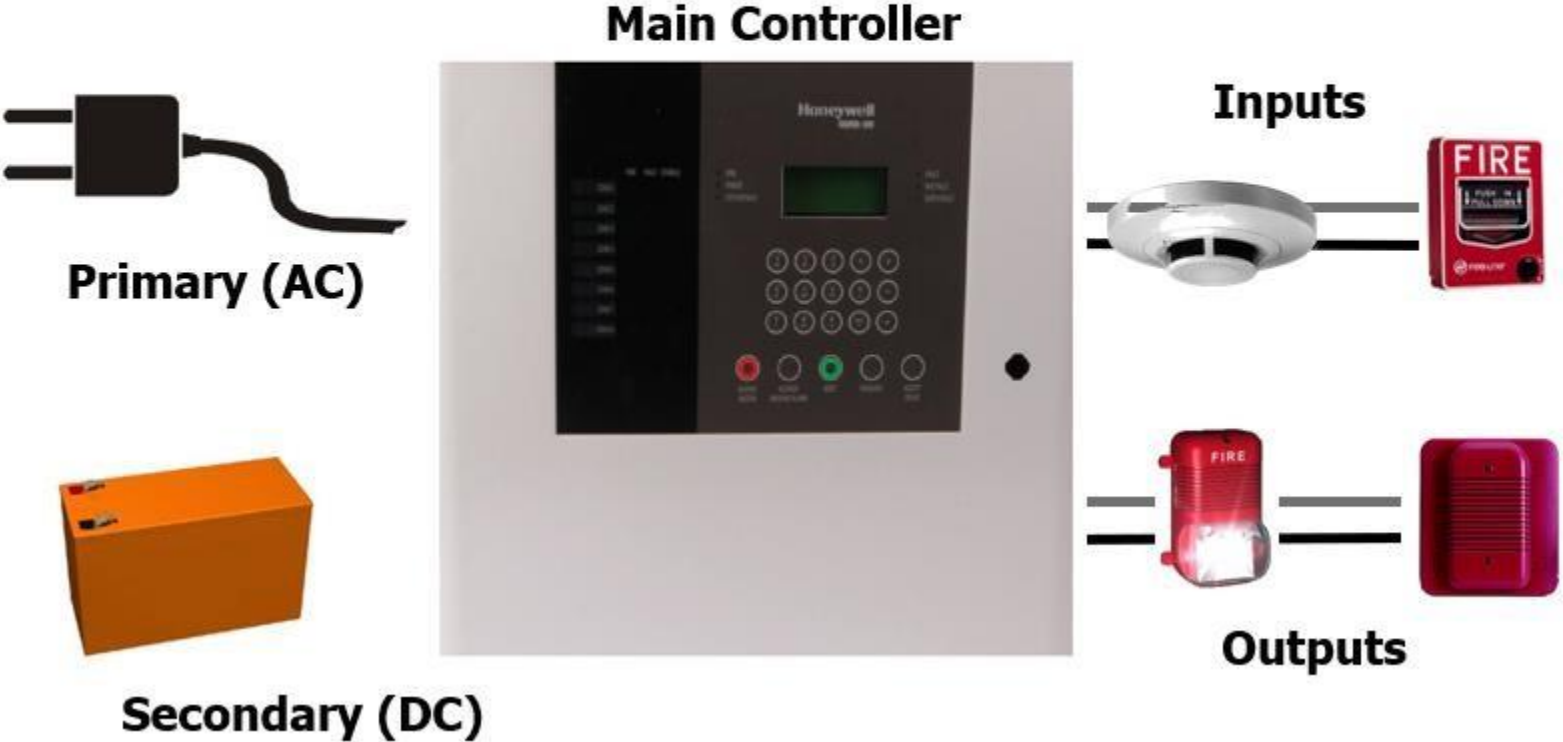


Horns



Strobes

The Basic System



DETECTORS & MODULES

System Sensor



COMPATIBLE DEVICES

DETECTORS

MANUAL CALL POINTS

AV DEVICES

SPECIALTY DETECTORS

RESPONSE INDICATOR



2351/EC



5351/E



2351/TEM



4351-E

KEY FEATURES

- The 2351 EC detector forms part of the range of conventional detectors. The 2351EC photoelectric detector incorporates an Application Specific Integrated Circuit (ASIC).
- Tested and approved to EN 54-7 (2000)
- Low profile design
- Wide operating voltage 8 to 30VDC
- Bi-colour LED detector status indicator
- Advanced maintenance features via remote hand-held test unit

KEY FEATURES

- Incorporated with the latest technology in thermal element to provide efficient and accurate detection of fire in areas where smoke detectors are inappropriate due to high airborne contamination.
- Approved to EN54-5:2000 Class A1R
- Standby Current :Standby Current: 60°A @ 24VDC
- Height: 48mm (plus 9mm for B401 base)
- Weight:105g (plus 60g for B401 base)

KEY FEATURES

- Optical chamber and Thermal element monitored by ASIC using specially developed Algorithms
- Incorporated with a combination of inputs leading to reduction in incidence of Nuisance alarms and improvement in response time to actual fire
- Tested & Approved to EN54-7 (Optical Smoke Sensor); EN54-5 (2000) Class A1R (Rate of Rise Thermal Sensor) and CEA 4021 (Requirements for Multi-Criteria Detectors)
- Standby Current :65°A at 24VDC
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- Weight:105g (plus 60g for B401 base)

KEY FEATURES

- Incorporated with the latest technology in thermal element combined with ASIC to provide efficient and accurate detection of fire in areas where smoke detectors are inappropriate due to high airborne contamination.
- Tested and approved to EN54 part 5 (2000) Class BS
- Standby Current :65°A at 24VDC
- Height: 48mm (plus 9mm for B401 base)
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SPECIALTY DETECTORS

RESPONSE INDICATOR



JTYI-GD-2330B

KEY FEATURES

- 2 years extended battery life
- Sound alarm in case of low battery & Audio alarm signal in case of fire or testing
- Sound alarm in case of failure of photoelectric chamber of the detector
- Test button for self-testing
- Fullproof design- battery compartment resists closing unless batteries are installed
- Plug & play detector with inbuilt alarm buzzer

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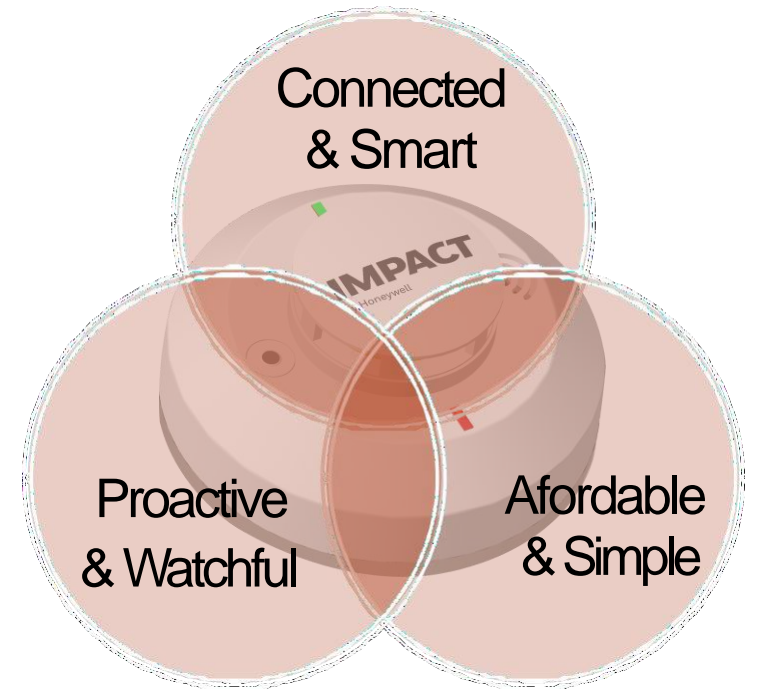
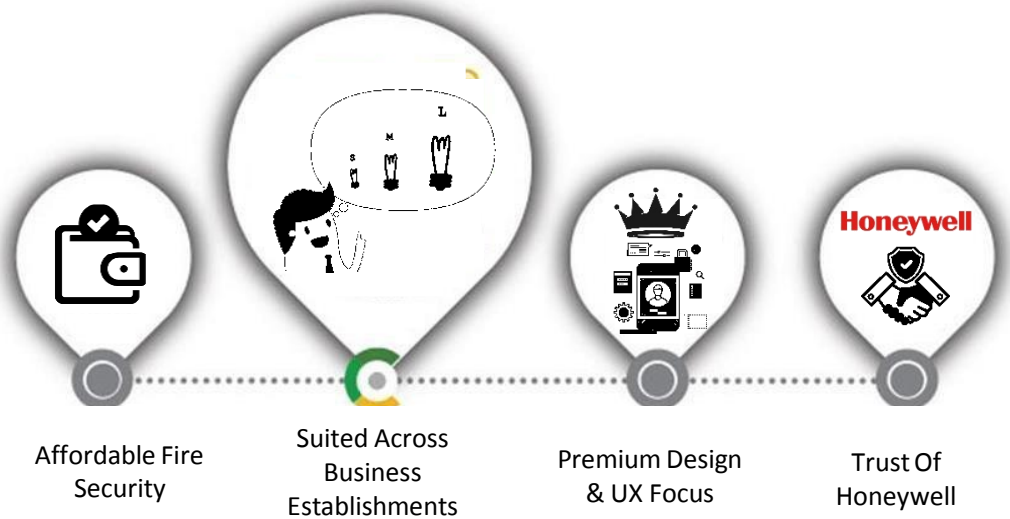
**WIRELESS
SMOKE
DETECTOR (WSD)**



IMPACT WIRELESS SMOKE DETECTOR

A SMART, CONNECTED SMOKE DETECTOR WITH SIMPLE & EASY OPERATION- CONTROLLED FROM ANWHERE

IMPACTWSD follows The 4 pillars of Customer Experience



IMPACT WIRELESS SMOKE DETECTOR

Wireless Smoke Detector, built on Global Standards, for 24x7 proactive fire safety- Alerts on your mobile Device & Visual + Audio Alerts. OPEX Model. Addresses The Fire Safety Needs of SME & Enterprise At An Affordable Price-point.



Features

- Detects Smoke- Incipient fire
- Battery Operated- 4AA Battery
- App controlled- Instant Alerts
- Visual & Audio Alarm
- Connected Device- Wi-Fi
- DIY- Easy to Operate & Install
- Photoelectric Technology

Alerts

- Smoke Detection Alert
- LED on Device
- Audio Alarm- Buzzer
- Incoming Call on Phone in case of Smoke Detection

Key Proposition Pillars

CONNECTED

WATCHFUL

USER-DRIVEN

PROACTIVE



App
Controlled



Mobile App
Notification



Easy to
Install & Operate



Real-time
Alerts



Works on Wi-
Fi



Audio & Visual
Alerts



Event Logs &
Device Status



Incoming Call Alert
on Mobile



Honeywell
Trust of The World Leader in
FireSafety

Thanks!