September 12, 2019

MODELS STX & SMX
FIRE ALARM SYSTEM
LAUNCH BRIEF

Honeywell

MORLEY IAS
FIRE SYSTEMS

CONTENT

WHAT'S IN A NAME?

Brand: **Honeywell Morley-IAS**

Model**: STX**

Model**: SMX**

On the lines of our other offerings: **DXc** and **ZXSe**

Note: No other names are cleared by Honeywell IP counsel for use. "Start-X" & "Smart-X" MUST NOT be used.

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LAUNCH SCHEDULE

5 Sep, 2019

Price book
Published

6 Sep, 2019

Pilot order taking
and & execution

6 – 13 Sep 2013

Partner Launch
Webinars

13 Sept, 2019

Commencement of
Regional Events

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MODELS STX & SMX PART CODES

PANELS

615-000-002	Model: STX, 1 Loop 98 Devices, Grey
615-000-102	Model: STX, 1 Loop 198 Devices, Grey
615-000-202	Model: STX, 2 Loop 396 Devices, Grey
615-000-002-R	Model: STX, 1 Loop 98 Devices, Red
615-000-102-R	Model: STX, 1 Loop 198 Devices, Red
615-000-202-R	Model: STX, 2 Loop 396 Devices, Red
915-100-102	Model: SMX, 1 Loop 198 Devices, Grey
915-100-202	Model: SMX, 2 Loop 396 Devices, Grey
915-100-402	Model: SMX, 4 Loop, 792 Devices, Grey
915-100-102-R	Model: SMX, 1 Loop 198 Devices, Red
915-100-202-R	Model: SMX, 2 Loop 396 Devices, Red
915-100-402-R	Model: SMX, 4 Loop 792 Devices, Red

REPEATERS

315-080	LCD Fire Annunciator, UL-listed
315-040	LED Driver for customized graphical Annunciators, UL-listed

DETECTORS

HM-PSE-UL	Add. Photoelectric Smoke Detector w/ B501 base, UL-Listed
HM-PTSE-UL	Add. Multi-sensing detector w/ Heat-only mode w/ B501 base, UL-Listed
HM-FHSE-UL	Add. Heat Detector w/ B501 base, UL-Listed
HM-RHSE-UL	Add. Heat Detector w/ ROR w/ B501 base, UL-Listed
HM-HTSE-UL	Add. High Heat Detector w/ B501 base, UL-Listed

MODULES

HM-DCMO-UL	Addressable Control Module, UL-Listed
HM-D240CMO-UL	Addressable Relay Module, UL-Listed
HM-DMMI-UL	Addressable Monitor Module, UL-Listed
HM-MM3E-UL	Addressable Mini-Monitor Module, UL-Listed
HM-DCZRM-UL	Addressable Interface Module, UL-Listed
HM-DISO-UL	Isolator Module, UL-Listed
HM-MCP-GLASS-UL	Addressable Manual Call Point, UL-Listed

Accessories / Replaceable

315-508	BLE Dongle for Wireless Commissioning
315-503	Tamper Switch
315-600	Chassis Asm. for UL STX Panel-99 Device
315-601	Chassis Asm. for UL STX Panel-198 Device
315-602	Chassis Asm. for UL STX Panel-396 Device
315-603	Chassis Asm. for UL SMX Panel-1 &2 loop
315-604	Chassis Asm. for UL SMX Panel-4 loop

OTHER COMPATIBLE DEVICES

SYS/HS	Conventional Sounder/Strobe UL Listed
MHR/1	Mini Conventional Sounder UL-Listed
P2RL	2-Wire, Horn Strobe, Red
HRL	Horn, Red
SRL	Strobe, Red

SALES & TECHNICAL MATERIALS

Available Today!

S No	Sales Tools	Technical Documentation
1	Launch Brief (this document)	11 Device Installation Instructions (shipped with devices)
2	Brochure (Fire Alarm System)	SLC Wiring Manual
3	13 Datasheets (Panels, Detectors, Modules, Repeaters & BLE)	Operating Instructions (shipped with panels)
4	Certificates	2 Quick Start Guides (shipped with panels)
5	Micro-site	2 User Guides
6	Email Signature (points to micro-site)	2 Installation Guides
7	Product Overview Clip	SmartConfig™ Mobile App FAQ (in-app)
8	Poster / Standee	SmartConfig™ PC App User Guide
9		Programming Guide
10		Device Compatibility Document
11		Instructions to uninstall & install HMU*

- Items marked "shipped with…" would be shipped as hard copies within the product packaging.

- Copy of all materials will be made available by Honeywell Sales personnel and will also be available at the PartnerConnect website.

- Directly accessible online sources:

    - Micro-site
    - Morley website

*HMU: Hardware Module Unit (Chassis Assembly)
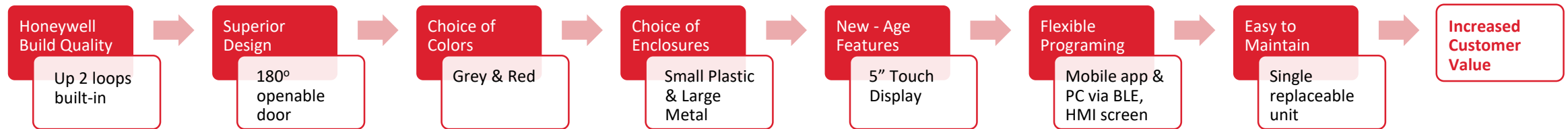
NEW UL RANGE – INTERIOR VIEW

Internal view without hardware module unit and batteries

Internal view showcasing hardware module unit and 2 batteries

High performance – high value, Fire Alarm System that comes with a contemporary interface for the modern-age user and a suite of options to easily program and maintain itself. The fire panel can be programmed via a mobile app along with other wireless mechanisms without the need for any cables or specialized tools, resulting in up to 75% less commissioning time. The panel is also future-ready with an on-board ethernet port to give you access to a host of monitoring and control applications and is certified for the latest UL 864 (10th edition standard). It is currently a standalone system with roadmap commitments to networking, remote monitoring and BMS integration.

Honeywell Build Quality	Superior Design	Choice of Colors	Choice of Enclosures	New - Age Features	Flexible Programing	Easy to Maintain	Increased Customer Value
Up 2 loops built-in	180º openable door	Grey & Red	Small Plastic & Large Metal	5" Touch Display	Mobile app & PC via BLE, HMI screen	Single replaceable unit	

Differentiators

- 5" touch display
- Intuitive arrangement of controls
- Logs and config file sharing via mobile (e.g. WhatsApp)
- Super-fast commissioning from the panel screen with Fastrack mode, Mobile app or PC via Bluetooth or USB pen drive (no cables required
- Offline configuration
- Single replaceable H/W module unit
- Firmware upgrade via USB pen drive

Segment, Verticals

- Upper-mid and mid segments requiring fully addressable, UL certified FAS
- Class A installations requiring up to 159 detectors per loop or 636 detectors per panel with wiring length up to 1.5 Km
- Currently standalone systems requiring networkability, BMS integration and remote monitoring or control features in future
- Retail, Commercial, Banking, Government and Residential verticals

Commercial Advantages (to partners)

- Leverage the Morley brand with extensive SI network familiar with and trained on DXc and ZXSe installations
- Increased loop capacity to take up bigger sites
- Increased capacity to do more jobs with quicker commissioning
- Lower total cost of ownership with easier maintenance – minimal spares, lower investment in tools such as laptops and cables and lower technician mobility
- Local manufacturing and support

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MODEL STX

::: PANEL

- UL 864 10th edition listed
- Half, 1 & 2 loop options
- Standalone version
- 5-inch multicolor touch screen display
- Supports Morley UL detectors & modules
- 4 Annunciator panels via RS 485 port
- Alarm, trouble and programmable relays
- RS232 port connection for printer
- Supports upload and download of configuration files via USB
- In-field firmware upgrade via USB
- Plastic enclosure with color options red & grey

HARDWARE

- One NAC circuit
- 500 mA MIAS UL protocol loop driver
- Cybersecurity-ready (Sentience IoT secured board)
- 2x onboard monitored inputs
- 1x USB port
- Pluggable interface connectors
- Battery-backed real-time clock (RTC)

SOFTWARE

- 160 fire zones
- 5,000 events log
- Supports cause & effect logic
- Configuration, commissioning, and troubleshooting through PC & Mobile Apps with 75% less commissioning time

MODEL SMX

::: PANEL

- UL 864 10th edition listed
- 1, 2 & 4 loop options
- Standalone version
- 5-inch multicolor touch screen display
- Supports Morley UL detectors & modules
- 8 Annunciator panels via RS 485 port
- Alarm, trouble and programmable relays
- RS232 port connection for printer
- Supports upload and download of configuration files via USB
- In-field firmware upgrade via USB
- Metal enclosure with color options red & grey

HARDWARE

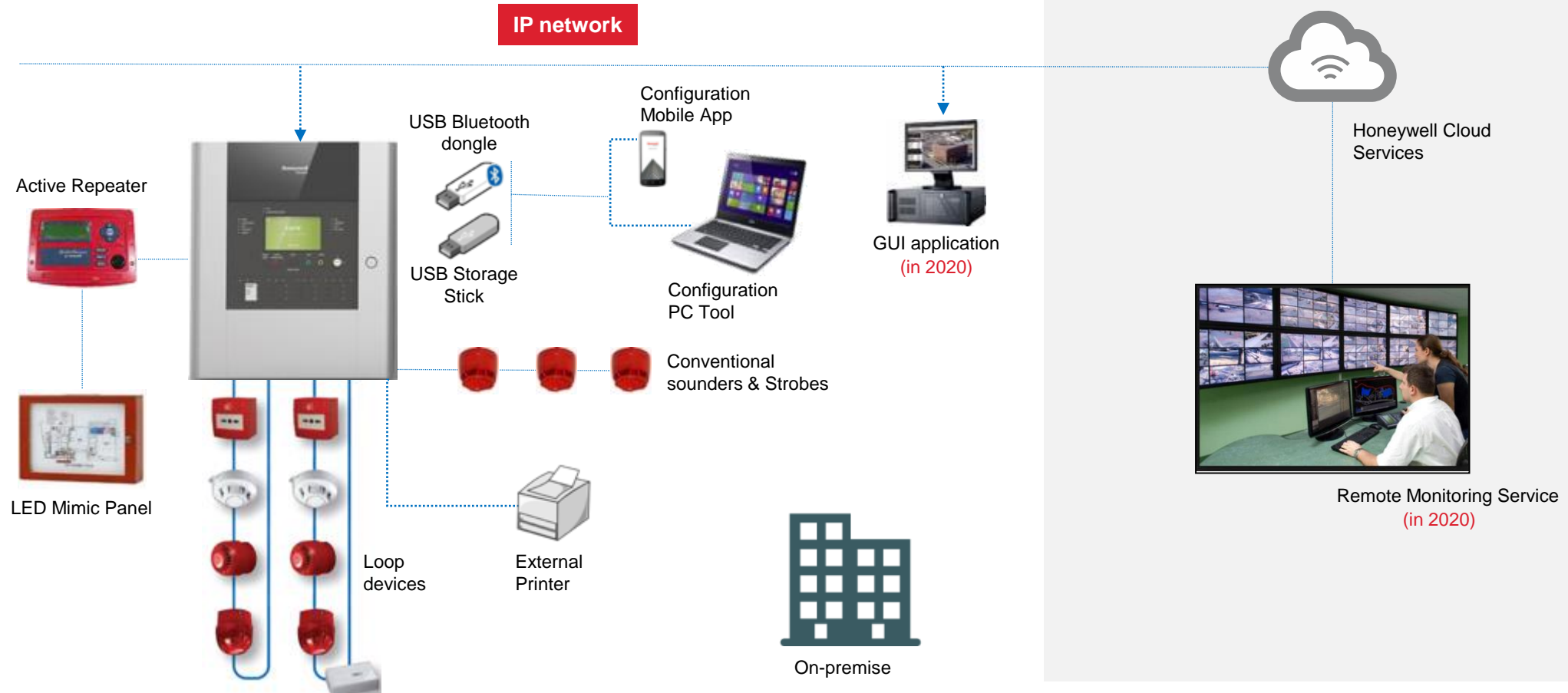- Two independent NAC circuits
- 500 mA MIAS UL protocol loop driver
- Cybersecurity-ready (Sentience IoT secured board)
- 2x onboard monitored inputs
- 2x USB port (1 reserved for future use)
- Pluggable interface connectors
- Battery-backed real-time clock (RTC)

SOFTWARE

- 160 fire Zones
- 10,000 events log
- Supports cause & effect logic
- Configuration, commissioning, and troubleshooting through PC & Mobile Apps with 75% less commissioning time.

KEY FEATURES

NEW UL RANGE – ARCHITECTURE

IP network

Active Repeater

USB Bluetooth dongle

Configuration Mobile App

Honeywell Cloud Services

USB Storage Stick

Configuration PC Tool

GUI application
(in 2020)

LED Mimic Panel

Conventional sounders & Strobes

Loop devices

External Printer

On-premise

Remote Monitoring Service
(in 2020)

Increase productivity with fast & simple FAS installation & commissioning.

INSTALLATION & COMMISSIONING

EASY TO INSTALL

Easy to mount

Pluggable interfaces for connections – loops, repeaters, systems, etc.

Enclosure knock-outs easily removable with screw driver & hammer for cable connections

Easy to install hardware module unit with just a few screws

180 degree openable front door for easy installation and maintenance

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SUITE OF OPTIONS AVAILABLE TO SET UP!

Program the panel from your laptop, mobile or directly from the panel HMI

⬇

Use app's Quick Wizard to configure your panel in minutes

⬇

Work with your configuration in the app while on-site or even off-site

⬇

Easily discover the difference between existing (or default auto-learnt) and new configuration to choose what to keep

⬇

Sync configuration via Bluetooth or USB pen drive (no cables required)

1 Launch the Honeywell Morley-IAS SmartConfig™ mobile application.

2 Establish a secure Bluetooth connection between mobile app & Fire Alarm Control panel.
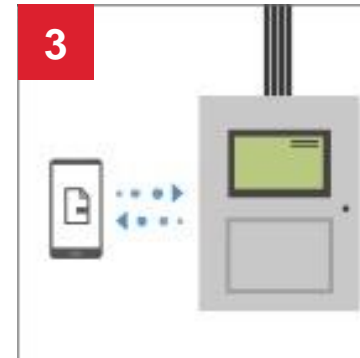
3 Configure the Fire Alarm Control Panel using SmartConfig™ Quick wizard.

4 Voila! The Fire Alarm Control Panel is configured.

Meet your on-ground operations needs for quick & easy commissioning.
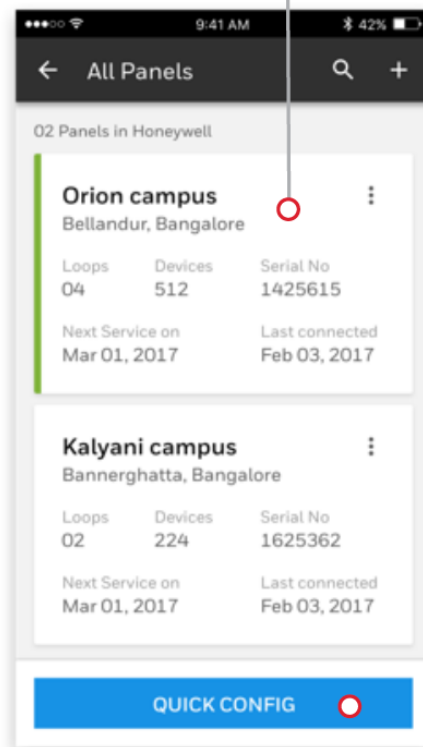
SmartConfig™ MOBILE APP
Making Our Fire Panels Smarter.

Connected to the panel

List of devices – manage labels

Define your zones

Guided workflow for quick configuration
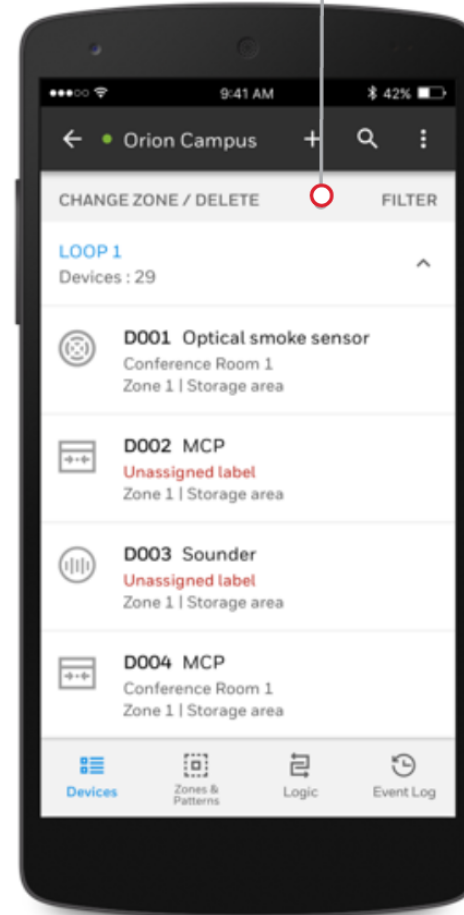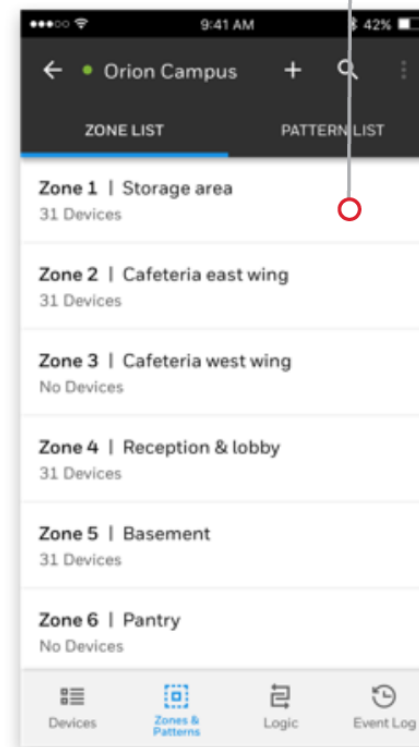
View or export event logs
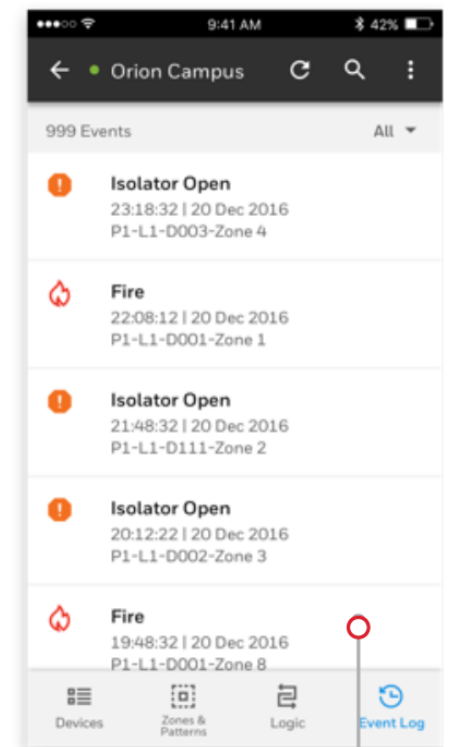
NEW UL RANGE – HARDWARE MODULE UNIT

Modular design for quick and easy in-field replacements.
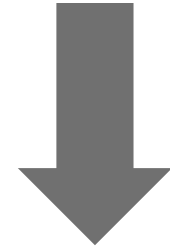
BENEFITS SNAPSHOT

FOR THE MODERN-AGE USER

- 5" multi-color touch display
- **Intuitive** arrangement of controls
- Logs & config sharing **via mobile**

WITH SUPER-FAST COMMISSIONING DIRECTLY FROM

- Panel screen with **Fastrack mode**
- **Mobile app** or **PC via** Bluetooth
- **USB pen drive** (no cables required)

RESULTING IN

- Up to **75% less** commissioning time

EASY TO MAINTAIN WITH

- **Off-line** configuration & sharing
- **Single replaceable** H/W module unit
- Firmware **upgrades** via USB pen drive

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AVAILABLE IN GREY AND RED COLOR

Certain regions mandate fire panels to be red in color, e.g. Singapore

Two distinct colors to choose from to ensure sufficient contrast to wall (fire panel shall be easily seen & identifiable)

Customers have varied aesthetic choices, at times tied to building design

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KEY FEATURES & BENEFITS

Supports up to 159 detectors and 39 modules per loop
(up to 636 detectors and 156 modules with the 4- loop panel)

Single replaceable part (HW Module Unit) for quick repairs, reduced maintenance costs & minimized downtime

Ability to **configure panels offline, remotely and sync via USB**, thus eliminating the need to carry laptops / tools to the site

Mobile & PC apps with guided setup / programming via Bluetooth, resulting in up to 75% less commissioning time (hassle-free, no cables required)

Designed to deliver on **expanding mid-market performance and facility needs**, e.g. increasing facility sizes

Intuitive arrangement of controls for **prompt user action**

Unified panel fascia designed to comply with regulations globally

Complies with **latest codes and standards** (UL 864 10th edition)

Easy to install with pluggable interface connectors and circuit auto-learn

Contemporary HMI interface with a 5-inch multi-color touch screen for exemplified monitoring and control – enhanced readability (location labels, events, etc.), context-awareness and easy navigation

INTELLIGENT DETECTORS AND MODULES

A COMPLETE RANGE OF ADDRESSABLE DETECTORS & MODULES

Detectors

- Multicriteria Smoke Detector
- Photoelectric Smoke Detector
- Fixed Thermal Detector
- Fixed Thermal with Rate-of-Rise Detector
- Fixed High Heat Detector
- Beam Detector (planned)

Modules

- Addressable Control Module
- Addressable Relay Module
- Addressable Monitor Module
- Addressable Mini-Monitor Module
- Addressable Interface Module
- Isolator Module
- Sync Module
- Manual Call Point

Repeaters / Mimics

- LCD fire annunciator
- LED drivers for customized graphic
- Remote LED indicator

Sounders & Strobes

- Horn Strobe
- Horn

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PRICING

- We have NOT followed the conventional cost plus approach for pricing to meet margin targets.

- STX & SMX models prices are based on
  - Value (over competition our other Honeywell offerings)
  - Market Conditions

- We'd therefore follow a fixed-price approach with no discounts.

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Thanks!