HA72 Controller

Honeywell

Centralize display and alarm functions with a flexible 16-64 channel controller that adapts and expands to your requirements, as a standalone solution or networkable device.
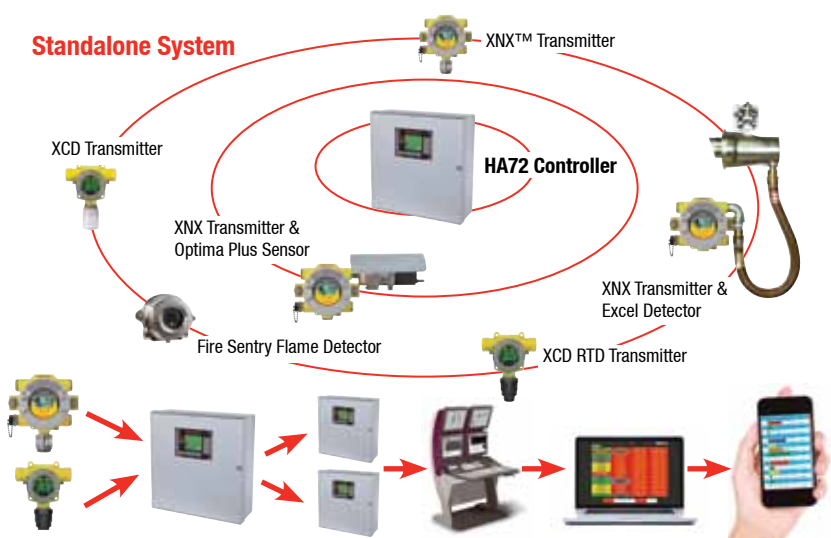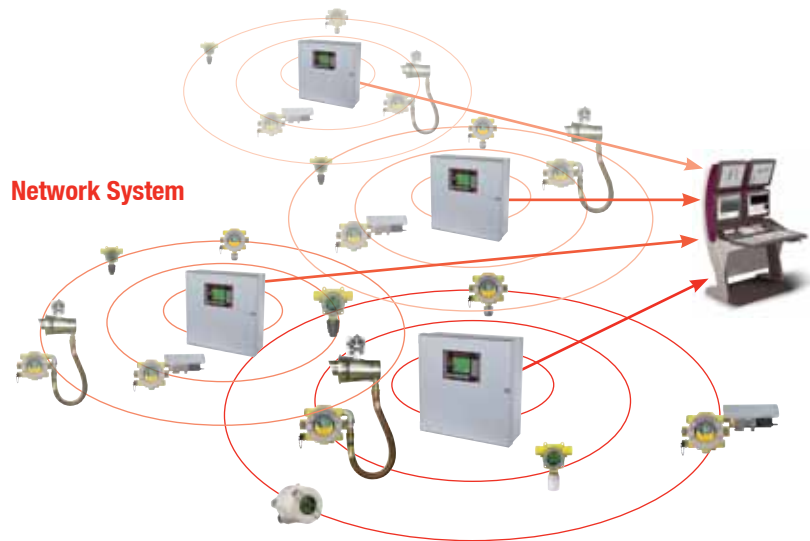
HA72 Controller

Flexible & Feature Rich

- Configure HA72 to accept inputs from many sensor types and signal ranges. Daisy chain up to 128 HA72 controllers to expand the system to meet your needs

- Custom software auto-recognizes and addresses Honeywell gas monitors (XNX™ and Sensepoint XCD)

- Connect sensors directly to HA72 with bridge sensor input board, saving installation time and eliminating need for extra devices

- Use HA72 as a discrete life safety system or network to a PLC or DCS for addressable operation

- Multiple password levels allow Ethernet access according to user need or qualification

- Various enclosure options available for hazardous and non-classified areas

- Programmable relays allow for a single relay contact point fo multiple devices

Advanced, User-Friendly Interface

- Full array of visual indicators (bar graphs, multicolor cells, flashing icons) and integrated alarm levels simplify and enhance monitoring, troubleshooting and trending functions

- Improved zone logic reduces false alarm incidents

- Touch & magnetic keypad allows non-intrusive operation in hazardous locations

- SD card logs over one year of data including concentration levels, alarm events, min/max, calibrations and alarm resets

- NEMA 4X, NEMA 4X Stainless Steel, full and half "19" Rackmount and NEMA 7 (Explosion-Proof) wall-mount options

- Modbus master/slave functionality allows for simultaneous sending and receiving of data, through four RS-485 serial ports

- Calibration and Authorization Modes facilitate and speed commissioning time; Mimic Mode allows viewing of other HA72 controllers on the host display

The HA72 controller is a flexible, scaleable gas controller that works the way you need it to. Input/Output modules allow for sets of 16, 32, 48 or 64 channel monitoring. Deploy the HA72 as a robust standalone life safety solution or addressable network with gas monitors and other field devices. User-friendly and visually powerful, the HA72 interface puts you in control of mission-critical information and allows you to share it across the enterprise via a secure, password-protected interface.

Network System

Standalone System

XNX™ Transmitter

XCD Transmitter

HA72 Controller

XNX Transmitter & Optima Plus Sensor

XNX Transmitter & Excel Detector

Fire Sentry Flame Detector

XCD RTD Transmitter

Make Valuable Information Available Across the Enterprise

Customize, centralize and control — with a single controller-based solution that does it all for you!

Operate HA72 via the Web

An embedded web server provides HMI (Human Machine Interface) and remote system configuration for the HA72. The Modbus TCP port allows for remote configuration and viewing of the HA72 display via your existing Ethernet. Multiple viewers can send/receive information via the password-protected, secure interface. Know exactly what's happening with your gas monitors, at all times, from anywhere.
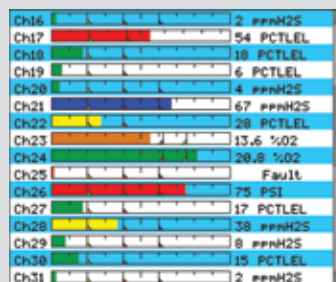
View, Access, Share and Store Your Data Easily

You can upload/download system configuration via SD card, download the SD card onto additional HA72s for uniform configuration and to cut commissioning time across your safety system. The 2GB SD card also allows you to log over one year of gas data, ideal for compliance and other safety reports and audits.

The HA72 Display: User Friendly and Visually Powerful.

Main Data Screen

Displays ALL active channels on the same screen. Channel configurations include 16, 32, 48 and 64 (shown) active channels. Cells indicate alarm status by color.

Bar Graph Screen

Displays 16 channels at a time. Side scroll bar controls which group of 16 channels are visible. Bar graphs change colors to indicate alarm status.

Zone Screen

Displays all eight possible active zones. Alarm cells change colors and name field flashes indicating alarms. Simple interface allows users to review which channels belong to each zone.

Honeywell Analytics Lines of Business

Commercial

Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

» Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

» Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

» Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets

High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

» Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

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