

## OZH100

### Addressable

### Fire Alarm Control Panel



*More flexibility and more cost-effective solutions throughout your system*



### Product Overview

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The OZH100 control panel is an analog addressable fire alarm panel using the latest microprocessor technology and containing one SLC loop supporting 252 devices of any combination (sensors or modules). Communication between devices is transferred through standard cable (shielded or twisted pair is not required). Each panel includes a 3.0 amp power supply, large screen LCD display, 25 large easy-to-use tactile touchpad for system operation, programming and maintenance and 12 state indicators. System operations include silencing alarms and troubles, resetting system and manual starting/stopping field equipment. The system's non-volatile event history buffer stores 999 events for viewing. The system supports a variety of Orena devices: smoke and heat sensors, manual call points, contact input (monitor) modules, relay output modules, dual input/output modules, and short circuit isolator modules. In addition, interfaces to conventional detection systems can be established by using a conventional zone-monitoring module. The basic system can be expanded by adding OZF-LCD2 remote annunciator. The intelligent panel and detectors know the difference between a fire and a dirty sensor. It lets you tailor sensor sensitivity and gives you immediate, pinpoint accuracy for any condition. The economic OZH100 system provides you with revolutionary value and performance in addressable sensing technology, reduces nuisance alarms and makes service calls a rarity.

### Characteristics

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- Using advanced industry-standard protocol for fast and stable communication
- Connect with 252 addressable points ( any mix of sensors & modules & call points) in one loop
- Uses standard wire, no shielded or twisted pair required on SLC loops
- Supports Class B (style 4) and Class A (style 6 or 7) SLC loops
- Automatic drift compensation & daily calibration
- Programmable sensitivity levels per device

- Large 4-line x 22-character LCD display (88 char.)
- Built-in help information screens
- 2.5A of auxiliary power available rated at 24 VDC
- Field-programmable on panel
- Powerful & versatile Cause & Effect programming (fire protection-related device control)
- Extensive, built-in transient protection
- Surface Mount Technology (SMT) electronics

## Specifications

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Primary Power Supply: 120V or 220VAC 50/60Hz

Standby Batteries: DC24V 2.2AH sealed rechargeable batteries

Power Supply Output: 24VDC @ 3.0 Amps (2.5 Amps available for system power)

Display: 4 lines x 22 characters LCD (88 characters total)

SLC loops: Class A, "style 6 or 7" or class B, "style 4"

Devices per loop: 252 sensors & modules & call points

Operation Temperature: -10° C~+50° C Related Humidity: ≤95% (40±2° C)

Dimensions (D \* W \* H): 60×370×240mm Weight: 3.5Kg

## SLC DEVICES & SYSTEM ACCESSORIES

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MODEL	DESCRIPTION
OT602	Analogue Addressable Photoelectric Smoke Detector
OT603	Analogue Addressable Heat Detector
ODZ6004	4 inch Addressable Detector Base
OA610	Addressable Manual Call Point
OX620	Addressable Hydrant Button (waterproof)
OS631	Addressable Horn & Strobe
OM611	Addressable Supervised Relay Module
OM621	Addressable Dual Relay Output Module
OM612	Addressable Input Monitor Module
OM622	Addressable Dual Input Monitor Module
OM613	Conventional Zone Monitoring Module
OM515	Short Circuit Isolator Module
OMDZ51	Module Base
OBM	Hand Held Programmer (portable device addresser)
OZF-LCD2	LCD Remote Annunciator

## Orena Sales and Service

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