

NCP-1215-96

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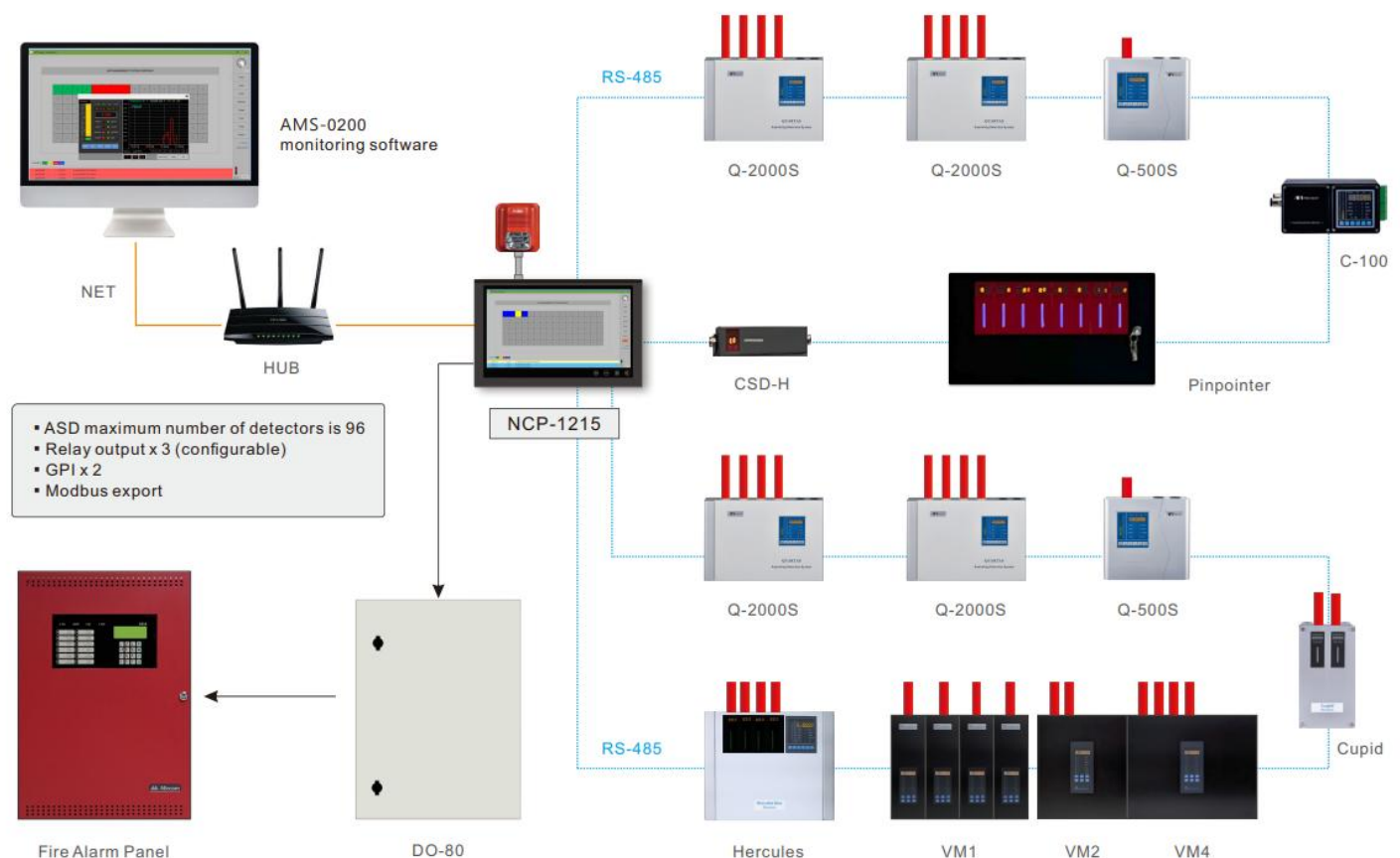
Network Control Panel

The NCP-1215-96 Networking Control Panel offers an intuitive 15.6" widescreen touch display, allowing for easy operation and system management. It seamlessly integrates AVA Aspirating Smoke Detectors (ASD) and Cabinet Smoke Detectors (CSD) into the AVANet RS-485 network, ensuring smooth communication and control across devices. With real-time monitoring, users can track the status of all connected devices, including alerts, actions, Fire1, Fire2, and fault signals, providing a comprehensive overview of system status.

The control panel simplifies the configuration and adjustment of ASD and CSD units, making system setup simple. It also supports remote operations such as reset, isolation, de-isolation, and mute, enabling efficient remote management and troubleshooting.

Product Features

- Intuitive 15.6" Widescreen touch display
- AVANet Networking Connection up to 96 units of ASD or CSD via 2 Loops
- Real-time active event lists
- Password Access Control
- Comprehensive parameter configuration and commissioning of all AVA Aspirating Smoke Detector
- Connection to AMS-0200 AVA Monitoring Software
- High Level Interface to 3rd Party



AVA PREVENT CO., LTD.

2F.-4, No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235603, Taiwan

TEL: +886-2-8228-0508

Email: inquiry_sales@ava-prevent.com

<http://www.ava-prevent.com>

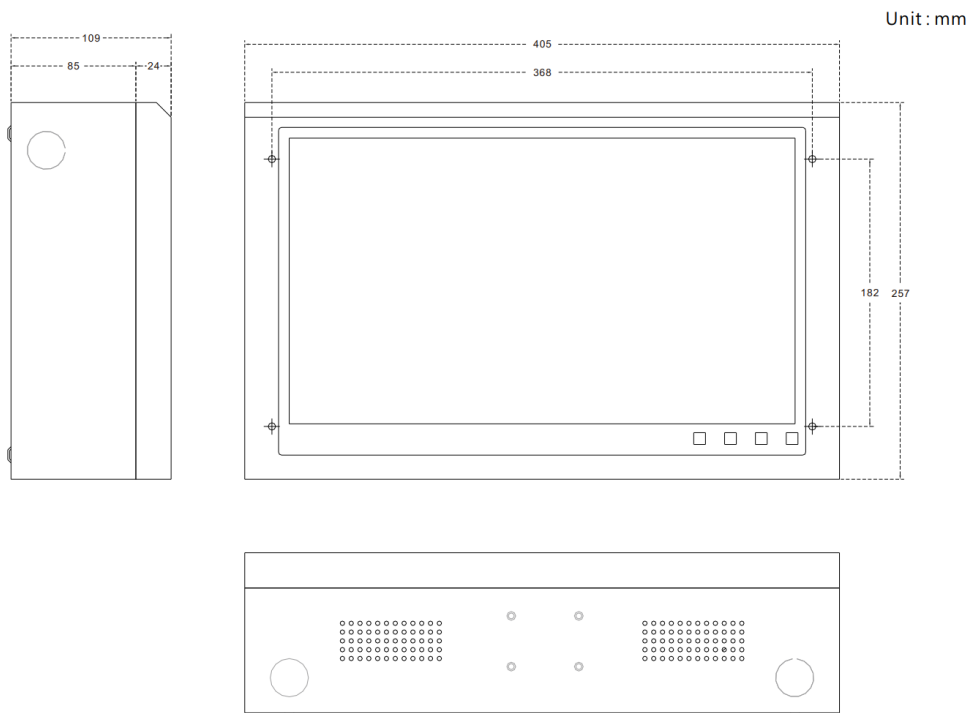
Specifications may be subject to change without prior notice.

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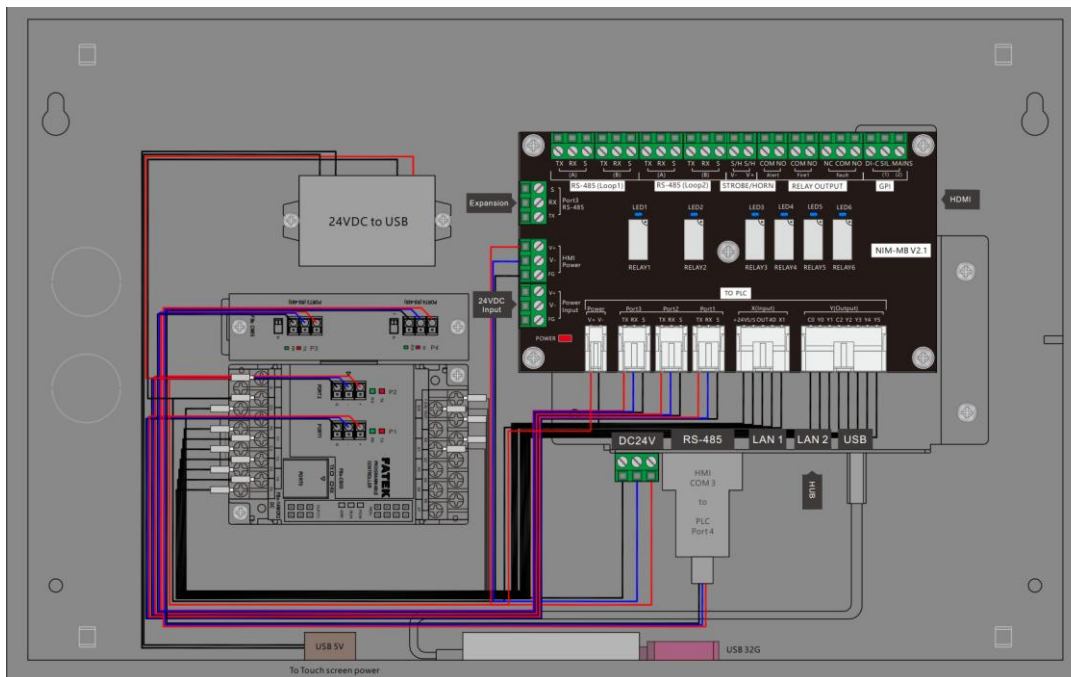
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Dimension



Internal Structure



NCP-1215-96 Specification

- Input Voltage : $24 \pm 20\%$ VDC
- Current Consumption: 15W
- Built-in Power Isolation
- Withstand Voltage : 500VAC (1 minute)
- Insulation Resistance : more than 50M Ω at 500VDC
- Dimension W x HxD (mm) 405 x 256 x 109
- Fanless Cooling System
- Fixed size : 368x182(mm)
- Weight (kg) : 5.65kg
- Operating Temperature : 0° C to 50° C
- Relative Humidity : 10 – 90% (Non Condensation)

Display

- 15.6”(16:9) Wide Screen
- Projected capacitive touch glass, supports ten-point touch

Processor

- Quad-core Cortex-A17 CPU
- High Performance 3D Processor
- Processor: Quad-core 32 bit RISC 1.6GHz

Controller

- CPU execution rate: 0.33micro seconds
- Allow Power Off Time : <2mS

Memory

- Flash Memory : 4GB
- Dynamic Memory(RAM):1GB

Port

- Serial Port: RS-232 x 1 / RS-485 x 2
- Serial port: Ethernet : LAN1:10/100/1000 Base-Tx 1 LAN2:10/100 Base-T x 1
- USB Host : USB 2.0 x 1
- HDMI High Resolution Output; Full HD 1920 x 1080

Input & Output

- 1 x NAC
- 2 x Input
- Relay Output 3 points :

Modbus Protocol(Optional)

- Modbus RTU
- Modbus Server

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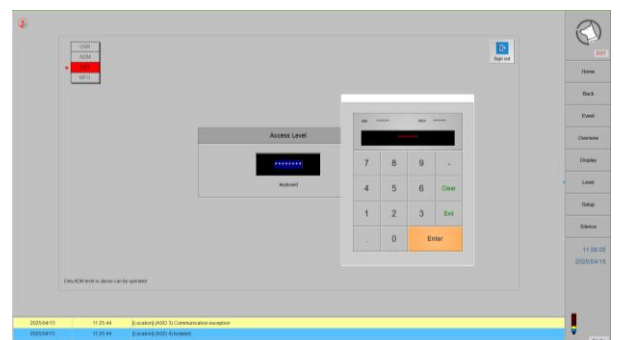
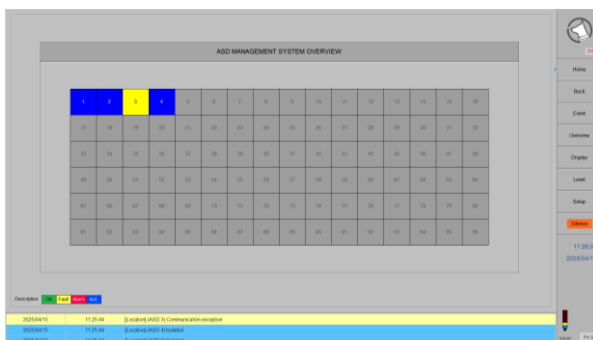
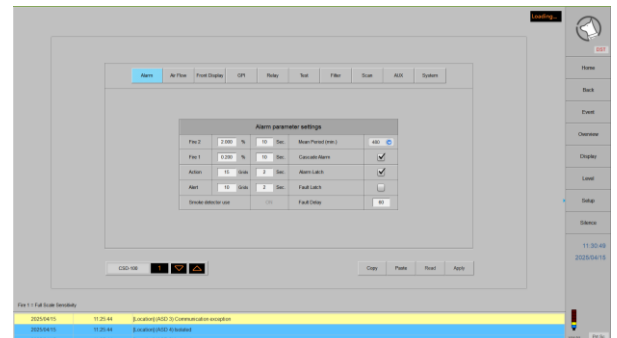
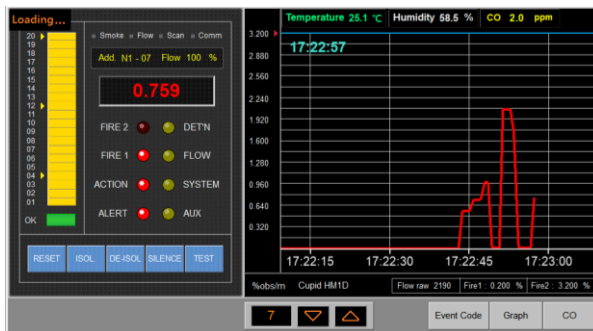
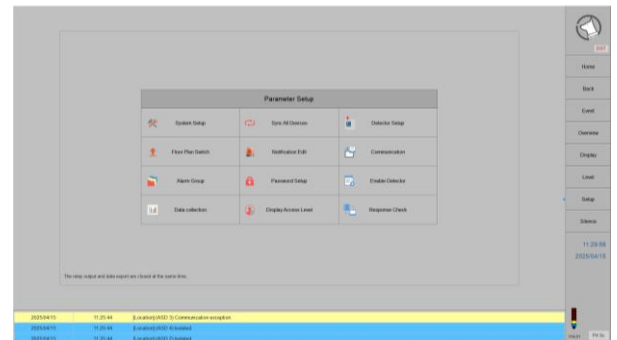
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- System architecture plan
- Monitor area floor plan
- Alarm event provide audio event
- Real time event list and log of history event
- Virtual Repeater Panel display
- History trend graph, support date/time filter
- Comprehensive parameter configuration and commissioning of all AVA Aspirating Smoke Detector
- Network failure trouble-shooting
- 4 Level Password Access Control



Order Information:

Part No.	Description
NCP-1215-96	AVA Network Control Panel with integrated 15-inch touch screen display – 2 Loops, 48 devices per loop , w/ 2 x RS-485 and 2 Ethernet, , 2 x GPIs, 3 Relays and 1 x NAC

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