



## NetworX NX-208E

2-Wire Smoke Expander Module

### Overview

The NetworX NX-208E Smoke Expander Module is an easy way to add up to 64 additional two-wire smoke detectors to the NX line of panels. The NX-208E has UL certifications for both residential and commercial fire applications when used with the appropriate NetworX control panel.

In addition, each expander module has an optional tamper input, making it ideal for use in a remote location.

It is ideal for applications where an integrated system provides the most comprehensive and cost-effective solution.

With the NetworX NX-208E, you can now easily expand into the fire application market.



### Standard Features

- The NX-208E is a microprocessor controlled 2-wire smoke expander for the NetworX NX-6, NX-8E, NX-8-CF and NX-8E-CF control panels
- One NX-208E module can be added to the NX control panel with a maximum of 8 zones
- Up to eight 2-wire smokes can be added to each zone of the NX-208E module for a maximum of 64
- Each expander has an optional tamper input, making it ideal for use in a remote location
- The ESL 521NCSXT is compatible with the NX-208E and all NX panels, providing a 2-wire sounder solution

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## Specifications

<b>Operating Power Supplied from NetworX models*</b>	12V DC NX-6, NX-8, NX-8-CF, NX-8E, NX-8E-CF or NX-320E
<b>Auxiliary Power Supplied from NetworX models</b>	Current limited to 100mA NX-6, NX-8, NX-8-CF, NX-8E, NX-8E-CF or NX-320E
<b>Current Draw</b>	30mA
<b>DCIN Current Draw</b>	31mA max @ 12V DC 62mA max @ 24V DC
<b>Aux+ Rating</b>	13mA @ 12V DC in Normal Standby 53mA @ 12V DC in Alarm 3.84 Amps max (with 8 detectors per loop)
<b>Loop Resistance</b>	12V Loop = 20Ω max 24V Loop = 50Ω max
<b>Loop Response</b>	180mS
<b>Operating Temperature</b>	32°F to 120°F
<b>Dimensions</b>	9.5" W x 3.5" H x 1.0" D
<b>Shipping Weight</b>	2 lbs.

\* IMPORTANT: Supplied power from external supplies must be UL listed for Commercial Fire or Burglary.

NetworX Technical Support: 800-727-2339

## UL Listings

### Residential and Commercial UL Burglary ratings

UL 609 Commercial Burglary  
UL 864 Commercial Fire  
UL 985 Residential Fire  
UL 1023 Residential Burglary  
UL 1610 Grade B & C Central Station Burglar Alarm  
CAN/ULC Listings S304  
CAN/ULC Listings S545



## Ordering Information

Model	Description
NX-208E	Two-wire smoke loop expander
EOL33	3.3K End-of-Line Resistor device
NX-8-CF-KIT	NX-8 Commercial Fire Kit: Includes NX-8-CF Control Panel, (2) NX-148E-CF LCD Keypads, NX-870E Fire Supervision & 16.5V, 50VA Transformer
NX-8E-CF-KIT	NX-8E Commercial Fire Kit: Includes NX-8E-CF Control Panel, (2) NX-148E-CF LCD Keypads, NX-870E Fire Supervision & 16.5V, 50VA Transformer
Other available NetworX modules	
NX-216E	16-zone expander module
NX-320E	Smart power supply and buss extender
NX-507E	Seven relay module



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