

TECHNICAL NOTE

Interlogix, 521CXT-ID, Point-ID Smoke Detector

Release Date: 04/30/2014

Subject

Alternate smoke detector wiring options as replacements for 521CXT-ID Point-ID smoke detectors.

Note:

The 521CXT-ID smoke detector has been discontinued, so we do not currently have any addressable smoke detectors for use with the NX-2192E module.

For future installations, in order to have multiple smokes, each reporting as a separate zone, there are three options:

- 1) Install multiple 4-wire smoke detectors, wired to individual zones on either the main panel or an NX-216/216E module, with switched smoke power provided by either the main panel or an NX-320E module.
- 2) Install an NX-208E module, with a single compatible 2-wire smoke wired to each zone of the module.
S09A Compatible Devices 429AT, 521B/BXT (SW1 ON), 21NB/NBXT
S10A Compatible Devices S21NB,521NBXT,521NCSXT, 429C, 429CT, 521B/BXT (SW1 OFF), 711U/UT, 721U/UT S11A
Compatible Devices 429CRT,429CST, 521CRXT, 521NCRXT, 521NCSRXT, 731U
- 3) Install multiple SI-ID modules, with a 4-wire smoke detector wired to each SI-ID module. 12V switched smoke power must be run separately from the Point ID loop to power all smoke detectors.
To provide supervision of the switched smoke power, use an ESL 541NCSXTE as the last smoke detector in the loop, using the wiring diagram below.

