



ClareOne 16-Zone Hardwired Input Module

NOW INCLUDES UPDATED FIRMWARE FOR BETTER NOISE RESISTANCE

The enclosed hardwired input module has been updated with two features to enable faster, more reliable installations:

- End-of-line (EOL) learning
- Digital noise filtering

What is EOL learning? End of Line (EOL) learning is the firmware process where the overall resistance on a zone is measured and accounted for when determining the states of sensors on a zone. The EOL learning feature allows installation of any resistor value from 1k Ω to 10k Ω . The resistor still needs to be installed correctly in series or parallel (depending on if the sensor is normally closed or open).

What is digital noise filtering? AC noise and other electrical noise can couple with security sensor wire runs. The noise on the line can cause the module to incorrectly receive the state of the sensor, leading to false events and zones showing as tampered. This new firmware improves the performance of a zone by digitally filtering out common noise artifacts.

What do you have to do differently? Nothing! The module is already configured to work in this new mode and all you need to do is follow the same installation procedures you have been doing.

Doc ID: 2021-12-2120-06

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