

3M™ Know Your Air Software for the Multi-Gas Detector 950 Series - Datalogging: Settings

Initiate communication between the 950 Series Detector and PC by pressing the *Config.* button. This results in a download of the specific configuration of that detector to the software program. In the KNOW YOUR AIR PC Software, clicking on the “Data Logging Tab” provides access to data logging settings.

Making a change to a field in the “Data Logging Menu” will cause that field to be highlighted (yellow) until such time as the change has been successfully transferred to the detector. Pressing the *Reset* button will return all tentative changes to their original values.

1. Datalog Settings Section

- a) The 950 Series Detector may be set to automatically start data logging when it is turned on, or, with the check mark removed, data logging will only start when the user makes this selection.
- b) If there is a risk of forgetting to turn on data logging it is advisable to leave the setting at the default automatic “ON”; that way the user has to take specific action to stop data logging. The time when such an action was taken will be recorded.
- c) **With the box “*Prompt for User, Area & Location at Power ON*” checked**, the 950 Series Detector will display lists of *Users*, *Areas* and *Locations* that the operator will be able to choose.
 - i. If no choice is made within 1 minute for each header variable, the 950 Series Detector will assign those designations that were last used.
 - ii. The 950 Series Detector automatically assigns the last used designations when this box is not checked.
- d) **The *Auto delete oldest data when memory is full* default setting** will result in the loss of old data once the 950 Series Detector’s memory is full.
 - i. If this box is not checked then data logging will stop and an error message will be displayed on the detector indicating that the memory is full.
 - ii. In this instance, the old data will be retained and new gas levels will not be recorded.

- e) **Data Log Interval** may be selected from a range of values as short as every 10 seconds to as long as once per hour.
 - i. With the default setting of 1 Min. the 950 Series Detector will calculate the average gas readings over the 1-minute period.
 - ii. A data record will then be generated that contains the average Gas level, the TWA and STEL values, as well as the peak value observed during the 1 minute period.

Note that you must re-start data logging sessions after downloading data from the 950 Series Detector or after accessing or changing configuration information.