

## IntelliDoX How To: Configuring a BW Clip Prior to Activation

In instances where the BW Clip's Factory Default Configurations cannot accommodate a customer request for a specific detector configuration, a Safety Technology Distributor Sales Rep or Service Department can still meet their customer's needs by using an IntelliDoX in combination with Fleet Manager II software (v.4.0 or later) to configure a BW Clip while the detector is still in ship mode..

BW Clip's alarm setpoints can be configured during any time prior to the Activation Date on the detector's package. Configurable low alarm and high alarm settings for BW Clip sensors are:

- Set the low and high alarm settings.
  - H<sub>2</sub>S: 1.6 ppm – 20 ppm (1.6, 1.7, 1.8, 1.9, 2, 3, ... 20).  
(The only settings with tenths are 1.6 through 1.9.)
  - CO: 5 ppm – 200 ppm
  - O<sub>2</sub>: 18.0% – 25.0%
  - SO<sub>2</sub>: 2 ppm – 20 ppm

Other BW Clip settings can also be configured prior to a customer receiving their detectors. These configurable settings are:

- Display the current time on the detector.
- Display the actual time of a peak reading event.
- Display the gas reading during an alarm event.
- Set a bump test reminder schedule between one day and 180 days.
- Enable the Non-Compliance Indicator on the BW Clip after a gas exposure.

**Note:** Fleet Manager II software must be used to configure an IntelliDoX module's automated operations. When a BW Clip that is in ship-mode is inserted into the configured module, the IntelliDoX will automatically apply changes to the detector settings, and if selected, will bump test the detector.

When a BW Clip that is in Hibernation-mode is inserted into the configured module, the IntelliDoX will display the 'Detector Identification Screen' continuously until it times out (approx. 25 seconds). The detector settings will not be altered.

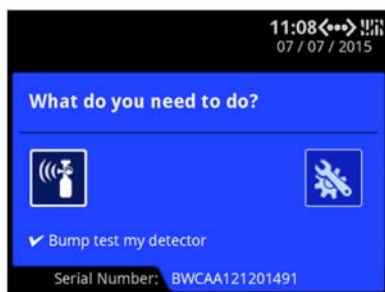
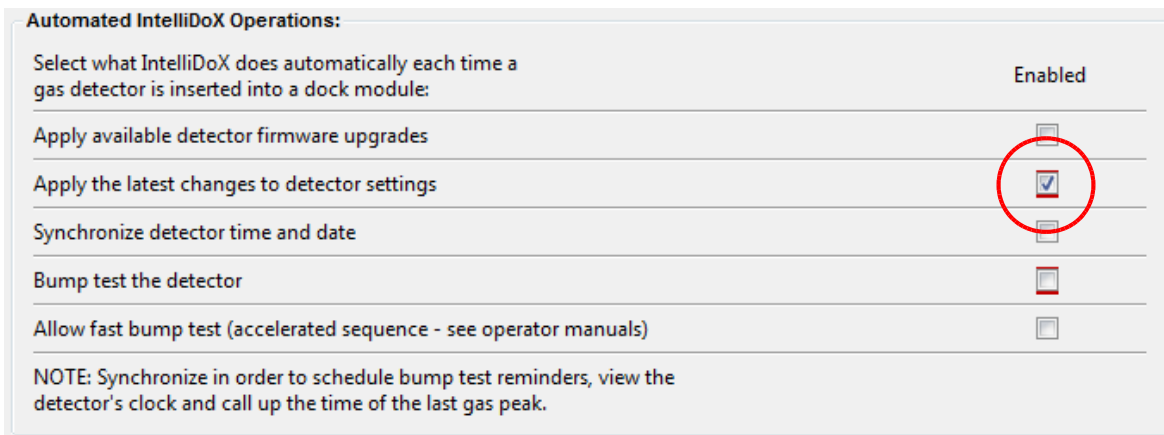
## Configure IntelliDoX Automated Operations

Certain features, options and settings for the IntelliDoX module and/or compatible detectors can be configured through Fleet Manager II software. After a configuration is created, transfer it to one or more modules automatically through a wired Ethernet connection or manually by transferring the configuration file with a USB drive to implement the new detector configuration settings.

There are two methodologies to change BW Clip configurations. One that just changes the detector configuration. Another changes the detector configuration *and* bump tests the detector. This latter methodology is recommended as it records the bump test results of the detector which also allows a bump test certificate to be generated recording the new alarm settings of the detector as the BW Clip Factory Calibration Certificate will no longer match the detector that it is shipped with.

- A. Modify the Automated IntelliDoX Operations features to **only** change detector settings. This setting allows users to streamline their BW Clip configuration by saving gas and time.

Deselect **Bump test the detector** and select **Apply the latest changes to detector settings**. Make any further configurations you require of the BW Clip detector then Save this configuration to the IntelliDoX module. Insert a BW Clip into the module to automatically have changes made to the detector settings.



minutes.

Detectors can be removed once the **What do you need to do** screen is displayed (left). Press the **Check Button** if you want to Bump Test the detector and record the test in Fleet Manager II.

Tests have been performed that indicate a rate of 5 BW Clips per minute can be reconfigured using this setting. Approximately 50 BW Clips can be reconfigured in 10

- B. Modify the Automated IntelliDoX Operations features to change to detector settings *and* Bump Test the detector. This should take approximately 45 seconds per detector using this setting.

**Automated IntelliDoX Operations:**

Select what IntelliDoX does automatically each time a gas detector is inserted into a dock module: Enabled

Apply available detector firmware upgrades	<input type="checkbox"/>
Apply the latest changes to detector settings	<input checked="" type="checkbox"/>
Synchronize detector time and date	<input type="checkbox"/>
Bump test the detector	<input checked="" type="checkbox"/>
Allow fast bump test (accelerated sequence - see operator manuals)	<input type="checkbox"/>

NOTE: Synchronize in order to schedule bump test reminders, view the detector's clock and call up the time of the last gas peak.

This event is recorded as a Bump Test in Fleet Manager **Logs / Results View** recording:

- Detector Details (Test Date, Sensor Type, Serial Number, Firmware Version, etc.)
- Functional Results (Test Results – Audio, Visual and Sensor)
- Sensor Settings (Low Alarm Set Point and High Alarm Setpoint)

To view the Bump Test, first import the data from the IntelliDoX module. Below is the Bump Test Results as viewed in Fleet Manager II:

Test Date Time	Serial Number	Test	Test Result
2015-04-14 09:31:00	5220BWC01145100529	Bump Test	Pass
2015-04-14 09:30:11	5220BWC01145100524	Bump Test	Pass
2015-04-14 09:26:49	5220BWC01145100531	Bump Test	Pass
2015-04-14 09:21:05	5220BWC01145100477	Bump Test	Pass
2015-04-14 09:08:20	5220BWC01145100513	Bump Test	Pass
2015-04-14 09:01:41	5220BWC01145100513	Bump Test	Pass
2015-04-13 17:51:27	5220BWC01150801931	Bump Test	Pass

REMEMBER: Once a detector is configured during ship mode, the detector will no longer match the Factory Calibration Certificate that is shipped with the detector. A Bump Test Certificate can be generated in Fleet manager II to show the new configuration set points.

See **IntelliDoX How To: Customizing Bump Test Certificates** for instructions on how to customize Bump Test Certificates that show updated BW Clip Alarm Settings.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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