Users can change settings, upgrade firmware, download log events, and perform calibration with the WatchGas IR Link.

Getting Started

To interact with WatchGas QGM or PDM, ensure to install the software and have the link cable plugged into the computer. And, place the topside of
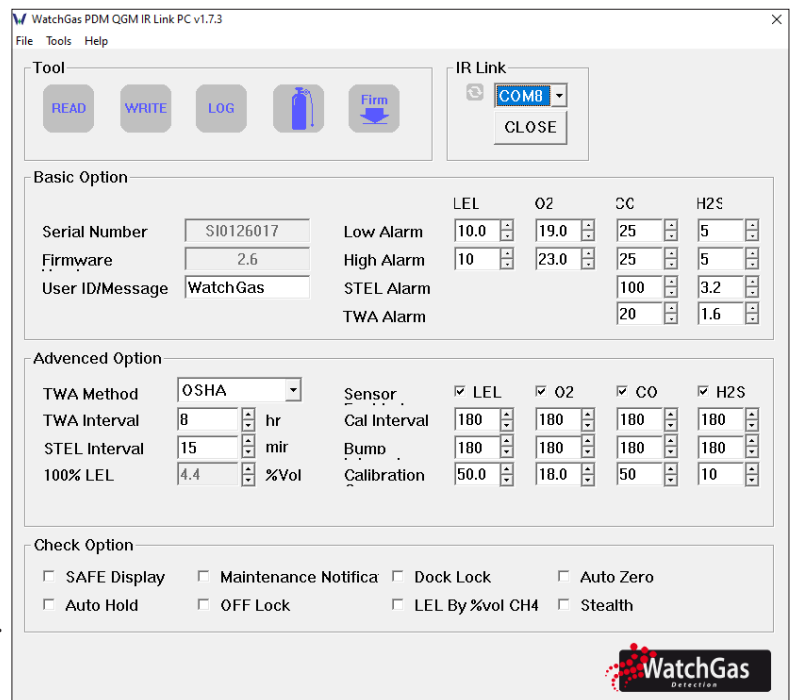WatchGas QGM or PDM to the IR Link LCD.

File

- Load: Open the installed settings. (*cfg)
- Save: Save the current settings. (*cfg)
- Exit: Close the program.

Tools

- Calibration: Perform the zero/span calibration.
- Log Read: Retrieve the log events.
- Log Erase: Erase the log events.
- Self Test: Test if LED, LCD, Buzzer, vibration, battery and temperature works properly.
- FW Upgrade Users can upgrade firmware.
- The up- to-date firmware is available at our WatchGas website
- Factory Fault: Remove all data and restore the initial factory settings.

Help

About: Display a brief company profile.

Tool

- **READ:** Retrieve the settings.
- **WRITE:** Update the adjusted settings. LOG: Display the saved log events.
- **CALIBRATION:** Perform the zero and span calibration.
- **FIRMWARE UPGRADE:** Upgrade firmware.

IR Link

- **OPEN:** In order to interact the IR Link with QGM and PDM click on 'OPEN. When the read is activated successfully. Users will see '"Read Complete".

PDM and PDM+

- **SERIAL NUMBER:** Display a preset serial number.
- **FIRMWARE VERSION:** Display a firmware version (EX. 1.x.x) .
- **USER ID/MESSAGE:** Users can program a desired message/ID.
- **DISPLAY:** Users can choose to display either the real time "Sensor Reading" or "Sensor Life remaining".
- **STEALTH (OPTION):** Users can turn off the buzzer, LED, and vibration.
- **SELF TEST (HOUR):** Set an interval of the self-test alert.
- **SENSOR TYPE:** Display a sensor type of the device.
- **LOW ALARM:** Adjust the low alarm set point in compliance with international or local standards.
- **HIGH ALARM:** Adjust the high alarm set point in compliance with the international or local standards.
- **CAL CONCENTRATION:** Set a standard calibration value.
- **CAL TIME (SEC):** Set a standard calibration time.
- **CAL INTERVAL (DAY)** Set an interval of the calibration alert.
- **BUMP INTERVAL (DAY)** Set an interval of the bump test alert.
- **STEL ALARM:** Adjust the STEL alarm set point in compliance with international or local standards.
- **TWA:** Adjust the TWA alarm set point in compliance with international or local standard

Basic Option

		LEL	O2	CO	H2S
Serial Number	SI0126017				
Firmware	2.6				
User ID/Message	WatchGas				
Low Alarm		10.0	19.0	25	5
High Alarm		10	23.0	25	5
STEL Alarm				100	3.2
TWA Alarm				20	1.6

Advanced Option

		Sensor	☑ LEL	☑ O2	☑ CO	☑ H2S
TWA Method	OSHA					
TWA Interval	8 hr	Cal Interval	180	180	180	180
STEL Interval	15 mir	Bump	180	180	180	180
100% LEL	4.4 %Vol	Calibration	50.0	18.0	50	10

Check Option

☐ SAFE Display   ☐ Maintenance Notifica   ☐ Dock Lock   ☐ Auto Zero

☐ Auto Hold   ☐ OFF Lock   ☐ LEL By %vol CH4   ☐ Stealth

WatchGas Detection

QGM

- **SERIAL NUMBER:** Display a preset serial number.
- **FIRMWARE VERSION:** Display a firmware version (EX. 1.x.x) .
- **USER ID/MESSAGE:** Users can program a desired message/ID.
- **DISPLAY:** Users can choose to display either the real time "Sensor Reading" or "Sensor Life remaining".
- **STEALTH (OPTION):** Users can turn off the buzzer, LED, and vibration.
- **SELF TEST (HOUR):** Set an interval of the self-test alert.
- **SENSOR TYPE:** Display a sensor type of the device.
- **LOW ALARM:** Adjust the low alarm set point in compliance with international or local standards.
- **HIGH ALARM:** Adjust the high alarm set point in compliance with the international or local standards.
- **CAL CONCENTRATION:** Set a standard calibration value.
- **CAL TIME (SEC):** Set a standard calibration time.
- **CAL INTERVAL (DAY):** Set an interval of the calibration alert.
- **BUMP INTERVAL (DAY):** Set an interval of the bump test alert.
- **SAFE DISPLAY:** Display only SAFE. Gas reading will only be displayed if above alarm limits
- **MAINTENANCE NOTIFICATION:** Notice when detector needs maintenance
- **DOCK LOCK:** Manual calibration disabled. Calibration can only be preformed by docking station.
- **AUTO ZERO:** Preform zero calibration on start-up.
- **AUTO HOLD:** Device will be in alarm mode until button is pressed.
- **OFF LOCK:** Device cannot be turned off (not recommended for catalytic type).
- **LEL BY VOL CH₄:** Change 100 %LEL to vol% value.
- **STEALTH** Stealth mode. Warning: device will not give any alarm if concentrations exceed alarm limits!

WatchGas IR LINK Guide: v1.1 05-08-21 **© 2021 WatchGas B.V.**
WatchGas is dedicated to continuously improving its products. Therefore, the specifications and features mentioned in this datasheet are subject to change without prior notice.

WatchGas B.V. | Klaverbaan 121 | 2908 KD Capelle aan den IJssel | The Netherlands | +31 (0)85 01 87 709 | www.watchgas.eu | info@watchgas.eu