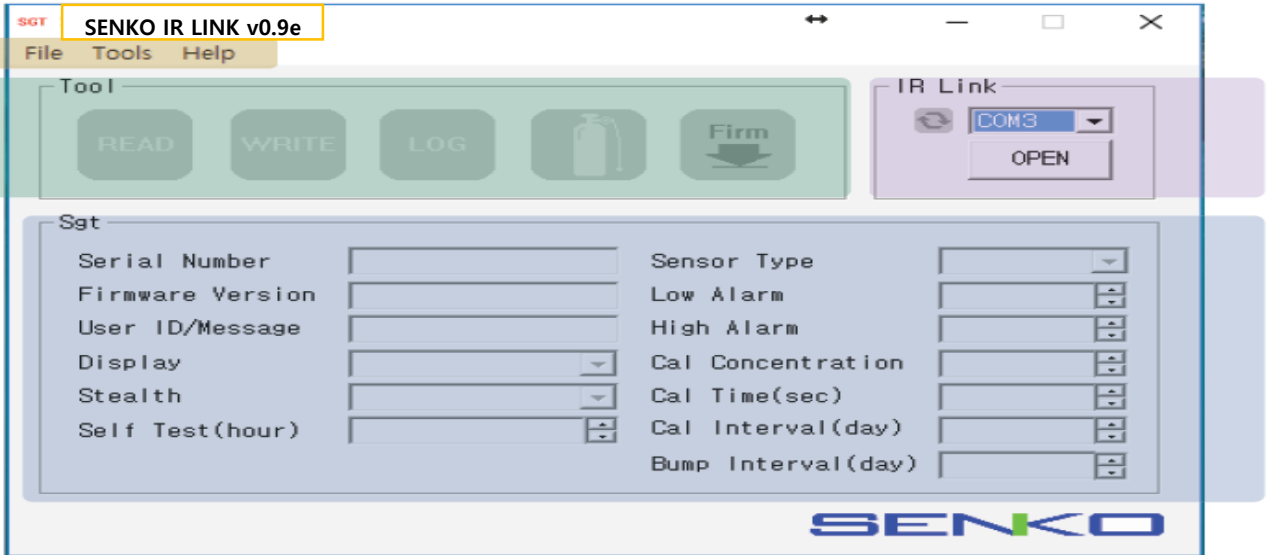# IR Link

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

Getting Started To interact with SGT, ensure to install the software and have the IR Link cable plugged into the computer. And, place the topside of SGT face down to the IR Link LCD.

SGT | SENKO IR LINK v0.9e

File Tools Help

Tool
READ WRITE LOG [ ] Firm

IR Link
↻ COM3 ▾
OPEN

Sgt

Serial Number	
Firmware Version	
User ID/Message	
Display	
Stealth	
Self Test(hour)	

Sensor Type	
Low Alarm	
High Alarm	
Cal Concentration	
Cal Time(sec)	
Cal Interval(day)	
Bump Interval(day)	

SENKO

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 work properly.
- FW Upgrade: Users can upgrade firmware. The up to date firmware is available at the www.senko.co.kr.
- Factory Fault: Remove all data and restore the initial factory settings.
- Hibernation (Option): Extend the longevity up to 12 months. The hibernation function is only available for SGT-P version

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.
- FIRWARE UPGRADE: Upgrade firmware.

IR Link

OPEN: In order to interact the IR Link with SGT, click "OPEN". When the read is activated successfully, users will see the "Read Complete."

SGT

- 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.

In order to save the adjusted options, users need to click "WRITE."

Model	IR Link
Size	51 x 44 x 20mm (2 x 1.73 x 0.78 in.)
Weight	24.3g
Temperature	10 - 40°C / 50 - 104°F
Humidity	5 - 95% non-condensing relative humidity
Range	50 - 406mm (2.0 - 16.0 inches)
Power	USB Power (5V)
Reading & Modifications	Alarm Set points to the Senko Single Gas Trap
Reporting	Event logs From the Senko Single Gas Trap Firmware upgrades to the Senko Single Gas Trap
Operating System	Compatible with Microsoft Windows XP, Vista, and Windows 7
Warranty	2 years from activation, 1 year shelf life