



QUICK START GUIDE

How To Use IRwin App

With IRwin App you will be able to:

- Get Function test on a PDF report
- Get Calibration test on a PDF report
- Get logged survey on a PDF report
- Open files, download files & delete files from IRwin
- Optimize your GPS setting (Landfill and City Environment)



QUICK START GUIDE

How To Use IRwin App - Start and Connect

1

Start IRwin and connect to the computer via Bluetooth

2

Start IRwin App



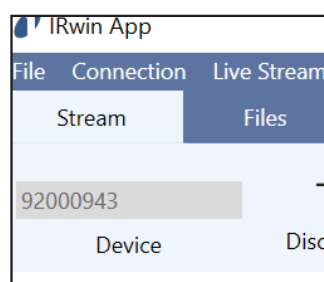
3

Select *Connection* followed by *Device*

Connection

4

Select your IRwin serial number in the menu and press *Connect*



How To View Log files from IRwin

1

Select a file under the menu *Files* and press *View* to see the logged data from the file in IRwin App

Files

How To Use IRwin App - Download a file from IRwin

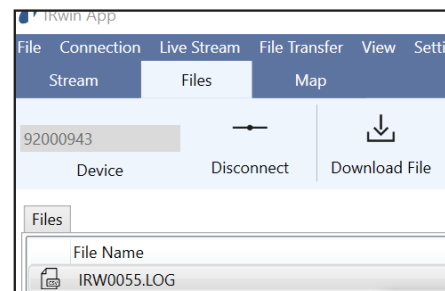
1

Select a file in IRwin App under the menu *Files*

Files

2

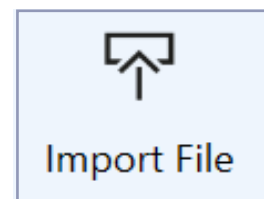
Select *Download file* and save it on the computer



How To Use IRwin App - Visualize a file in a map

1

Select *Map* and press *Import File*

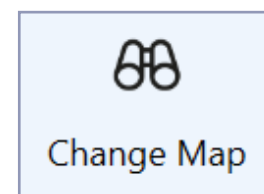


2

Select a log file from your computer

3

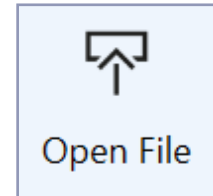
Select preferred map from the five choices



How To Use IRwin App - Open a log file from the computer in IRwin App

1

Select *Open File* in the menu



2

Select a file from your computer (Only CSV files can be uploaded into IRwin app)

How To Use IRwin App - Display different leak sizes on the map

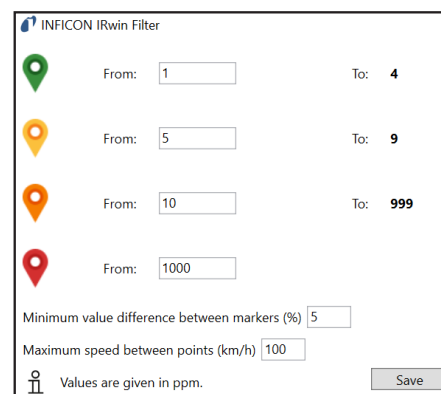
1

Select *Set Filter* in the menu



2

Enter the value of the desired leak size at each color markings and press save. See also the Tech Note "Setting the correct speed limit in IRwin App" at bottom of this document.

A screenshot of the "INFICON IRwin Filter" dialog box. It contains four rows of color-coded markers (green, yellow, orange, red) with corresponding "From" and "To" value input fields. Below these are fields for "Minimum value difference between markers (%)" and "Maximum speed between points (km/h)". At the bottom, there is a "Save" button and a note "Values are given in ppm."

Marker Color	From	To
Green	1	4
Yellow	5	9
Orange	10	999
Red	1000	

Minimum value difference between markers (%) 5

Maximum speed between points (km/h) 100

Save

Values are given in ppm.

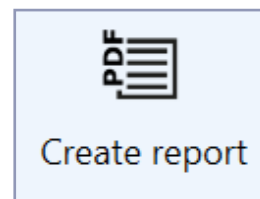
How To Use IRwin App - Export files to PDF

1

Follow the steps described under "Visualize a file in a map" on page 3

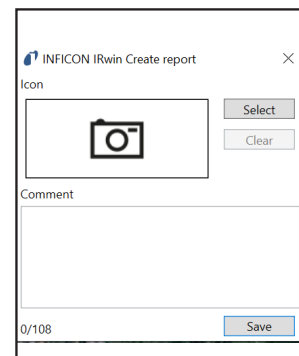
2

Under the menu *Map*, press *Create Report*



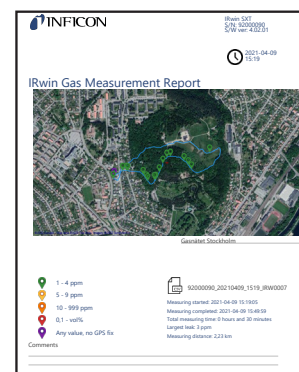
3

Insert your company's logo or enter a comment in the PDF file, if so wished.
Press *Save* to create the report

A screenshot of the "INFICON IRwin Create report" dialog box. It has a title bar with the INFICON logo and a close button. Inside, there is an "Icon" section with a camera icon and "Select" and "Clear" buttons. Below that is a "Comment" text area. At the bottom, it shows "0/108" and a "Save" button.

4

Your report has been generated



How To Use IRwin App - GPS settings for Normal Walk or Slow Walk*

1

Go to the menu *Settings* and choose *Device GPS*

Settings

2

Mark the GPS setting that fits your survey best
(Normal Walk or Slow Walk*) and press save

*Normal walk is recommended for city environment whereas Slow walk is recommended for landfill

 INFICON IRwin GPS Settings
 ×

☐ Normal Walk
 GPS settings optimized to keep a steady signal under normal walking conditions in normal survey conditions such as urban or city environment.

☐ Slow Walk
 GPS settings optimized for low speed survey conditions in open sky applications such as landfill.

 Nomal Walk is the default setting of the GPS chip when the IRwin is delivered from factory.
 Save
Cancel



www.inficon.com

reach.sweden@inficon.com

Product pictures to be modified to INFICON when available.

Due to our continuing program of product improvements specifications are subject to change without notice.



TECHNICAL NOTE

IRwin Methane Leak Detector – Setting the correct Speed Limit in IRwin App 4.02

The IRwin APP Software for the methane leak detector IRwin allows operators to visualize their survey digitally on a laptop and create PDF's of the work.

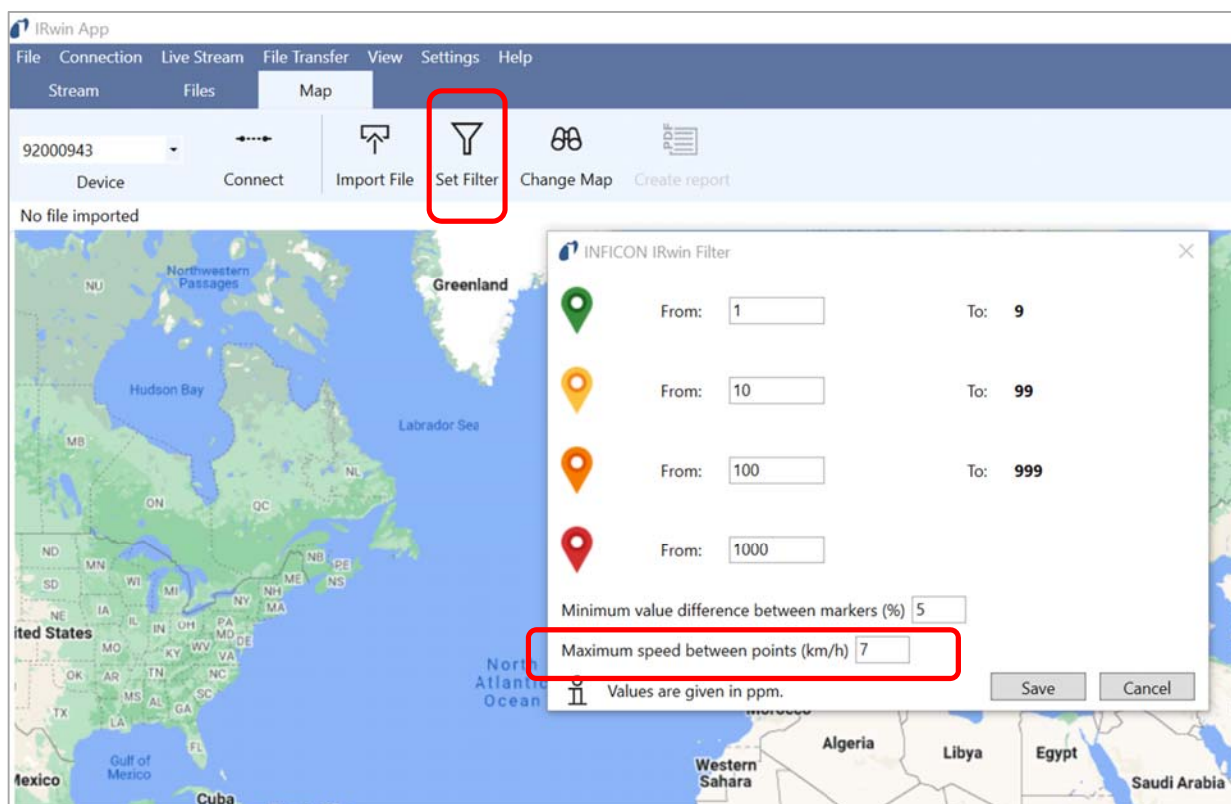
Operators can walk or drive the survey route.

In the new IRwin app 4.02, the filter function added under the menu “Map” allows users to indicate whether the survey was undertaken on foot or with a vehicle based system by simply setting the maximum speed between points. This will improve the way the route is displayed in the map (PDF report).

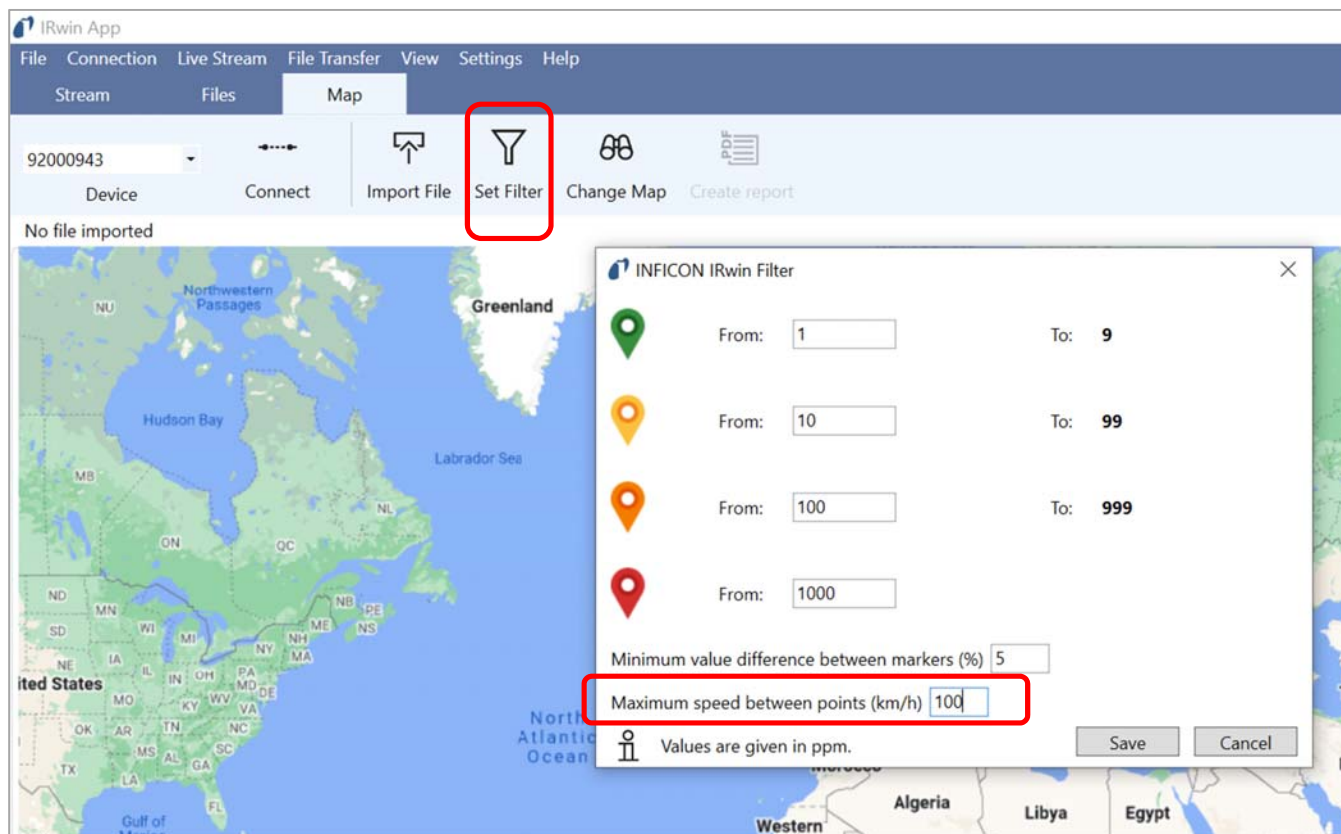
For best results, we recommend to set the max speed to 7 km/h when walking, and to 100 km/h when performing the survey by car.

See images below for how to set the speed filter and the recommended settings.

1) Survey on foot: set the maximum speed to 7 km/h



2) Survey with vehicle based system: set maximum speed to 100km/h



Gustaf Andersson, 2022-05-04



www.inficon.com reach.sweden@inficon.com

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