![Messagemaker Displays logo]

DATA CAPTURE SYSTEMS
VEHICLE ACTIVATED SPEED SIGNS

VAS Speed Signs with Data Capture abilities, have 4GB of on-board storage. This should be enough to store a lifetime's worth of detection data.

Data is recorded continuously without the need for any settings to be altered.

SOFTWARE DOWNLOAD

To view recorded data, the 'Kestrel Workbench' software is required.

This is available on our website www.messagemaker.co.uk under 'Downloads'.

USB LOCATION

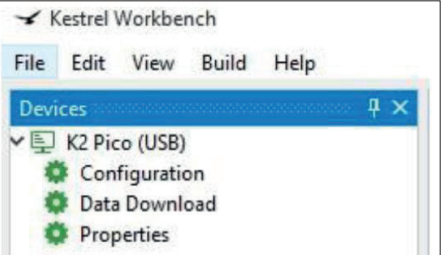**SID and SAM Signs**

SLR Sign

IMPORTING DATA

1. Simply connect the radar via USB or remote access (Bluetooth/Modem).

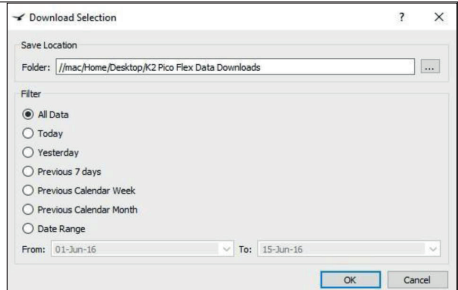The Micro USB port is located on top of the radar module as pictured below.

2. Open the 'Kestrel Workbench' software and Double click 'Data Download'

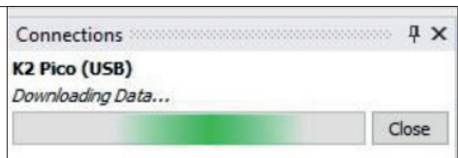**3.** Here you can select the file location of where the data is to be stored.

You are also able to select a date range in the 'Filter' section to define what data is included in the statistical analysis.

Click 'OK'

4. The download process will begin.

When the process is complete, the window will report itself as idle.

Need some help?

If you have a query regarding anything in this manual, or something else about your sign(s) please do not hesitate to contact your account manager, or contact us using the details below;

Call us: 01737 774747

Email: sales@messagemaker.co.uk

REPORT GENERATION

Kestrel Workbench has a built report generation feature, meaning that you can simply select an amount of data for Workbench to perform a statistical analysis on.

The reports include vehicle count data and presents this across a series of charts. It is important to note here that Continuous Wave (CW) Doppler radar technology does not have the scope for accurate vehicle counting because it only collects speed and direction information. Accurate counts require spatial information about passing vehicles in order to determine vehicle lengths. As such, with the Kestrel K2 Pico Flex Radar, a statistical average vehicle length value is used, which in practise amounts to 80-95% accuracy.
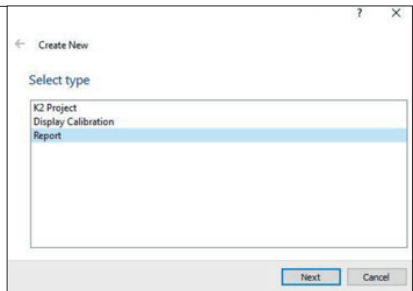
CREATING A REPORT

1. In Kestrel Workbench, go to **File > New...**
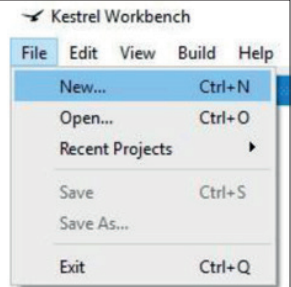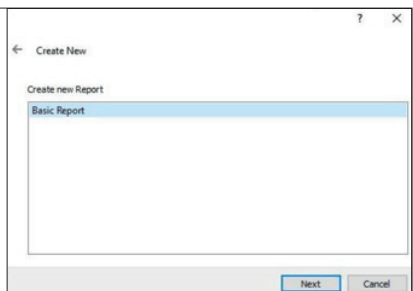

2. Select '**Report**'.

This menu can also used to create K2 Projects and LED Display Calibrations. Please contact our team for more information.
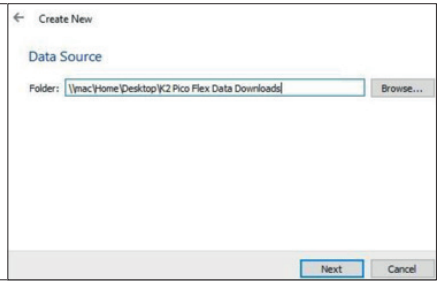

3. Select '**Basic Report**'.

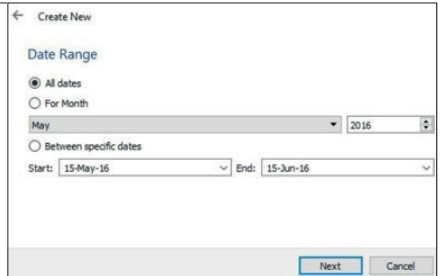| **4.** | In the data source window, select the location which the original data was imported to.

Then press **'Next'.** | ← Create New

Data Source

Folder: \\mac\Home\Desktop\K2 Pico Flex Data Downloads   Browse...

Next   Cancel |

| **5.** | In the date range window, select which data from all previous imports, will be included in the report.

Then press **'Next'** | ← Create New

Date Range

⦿ All dates
○ For Month
May   ▼ 2016 ⬍
○ Between specific dates
Start: 15-May-16 ⌄   End: 15-Jun-16 ⌄

Next   Cancel |

| **6.** | Select the type of output that you want; either PDF or Excel.

You can change the location of the output file, assign titles and select how the data is to be displayed here.

The field for 'Speed Classes' defines which speed ranges are to be included in the report. To define the speed range, enter the minimum and maximum sppeds. | ← Create New

General

⦿ PDF Output
○ Excel Output
Output File: op\K2 Pico Flex Data Downloads\Reports\My Example Report.pdf Browse...
Title: Traffic Report
Sub-title:
☑ Daily Breakdown
☑ Weekly Breakdown
   ☐ Combine Weekdays/Weekends
Speed Classes: Normal Speeds ▼ 10, 20, 30   Modify...
Finish   Cancel |

For example, entering **10, 20, 30** will create 3 data columns of vehicles travelling;
- **under 10mph**
- **between 10mph and 20mph**
- **between 20mph and 30mph**
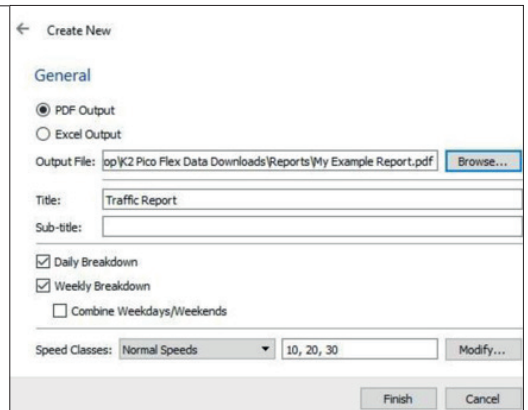
| **7.** | With the desired settings, select **'Finish'.**

To open the report, go to the file via your PC. | ☐ ☑ ☐ ⌄ | Reports
File Home Share View
← → ⌄ ↑ ☐ › K2 Pico Flex Data Downloads › Reports
★ Quick access   Name
⬇ Downloads   ⚲   📄 My Example Report
☁ OneDrive   ⚲ |