



Your Reliable Mileage Collector



Record mileage log
and create mileage
report automatically

Efficient managing tool
for Tax report and mile-
age reimbursements

User's Manual

Content

1. System Requirement.....	1
2. Input Product Key.	1
3. Create a new user	2
4. Download GPS Log From Device.....	2
5. Clear Data Logger Memory	5
6. Data Logger Configuration	5
7. Switch Views.....	7
8. Trip Detail View	7
9. Report View	7
10. Customer Detail View	13
11. Options.....	15

1. System Requirement

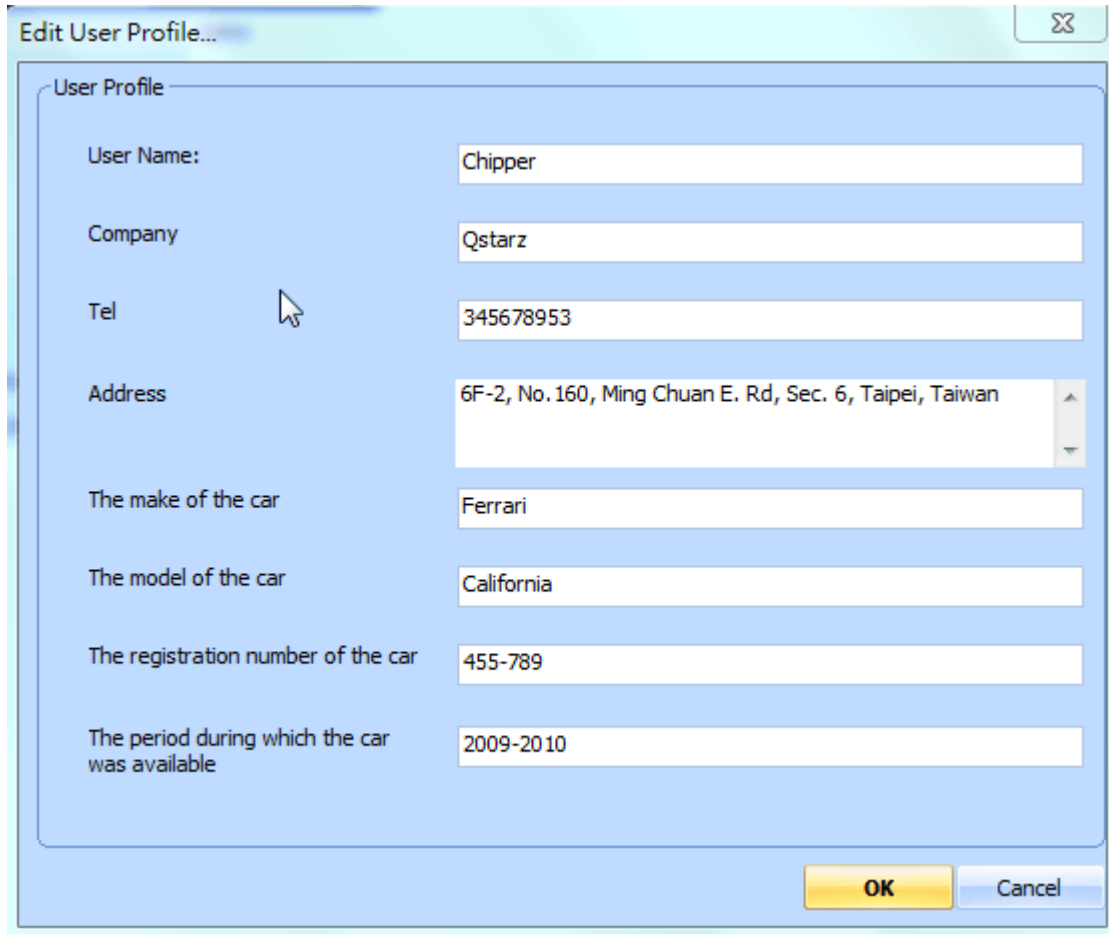
Minimum System Requirement	Recommended System Requirement
Windows 7 or later	Windows 7 or later
Pentium 3, 500 Mhz	Intel Core i5 or AMD FX 8 Core Series
2GB RAM, more memory improve performance	6GB RAM, more memory improve performance
10GB disk space	50GB of free disk space
3D-capable video card with 16Mbytes of VRAM	3D-capable video card with 32Mbytes of VRAM or greater
800x600, "16-bit High Color" screen	1980x1060 "32-bit True Color" screen

2. Input Product Key.

Users have to input product key at the first time of use. [The product key is located on the Qstarz Warranty Card.](#)

3. Create a new user

QMileage™ support multiple users. Users information includes “User Name”, “Company”, “Telephone number”, and “Address”



Edit User Profile...

User Profile

User Name:

Company:

Tel:

Address:

The make of the car:

The model of the car:

The registration number of the car:

The period during which the car was available:

OK **Cancel**

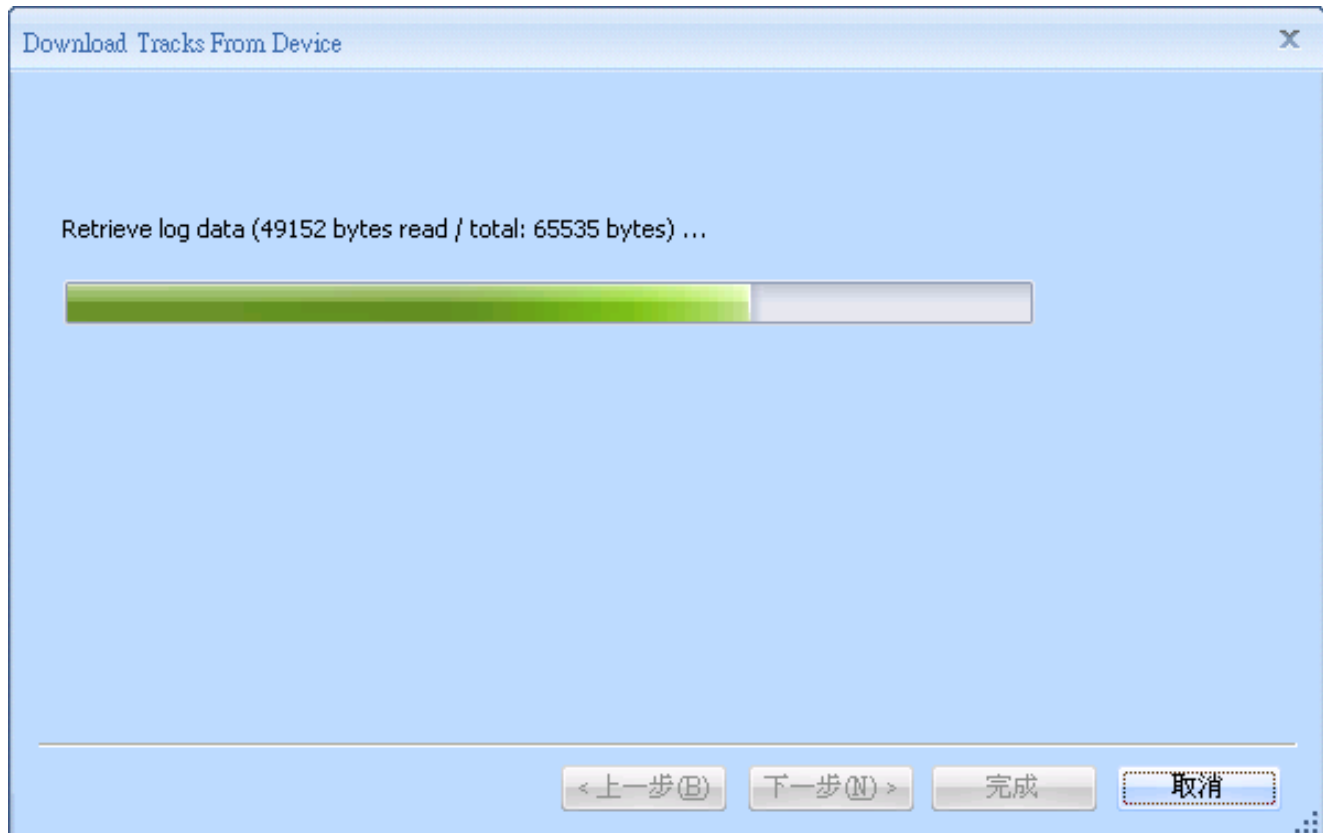
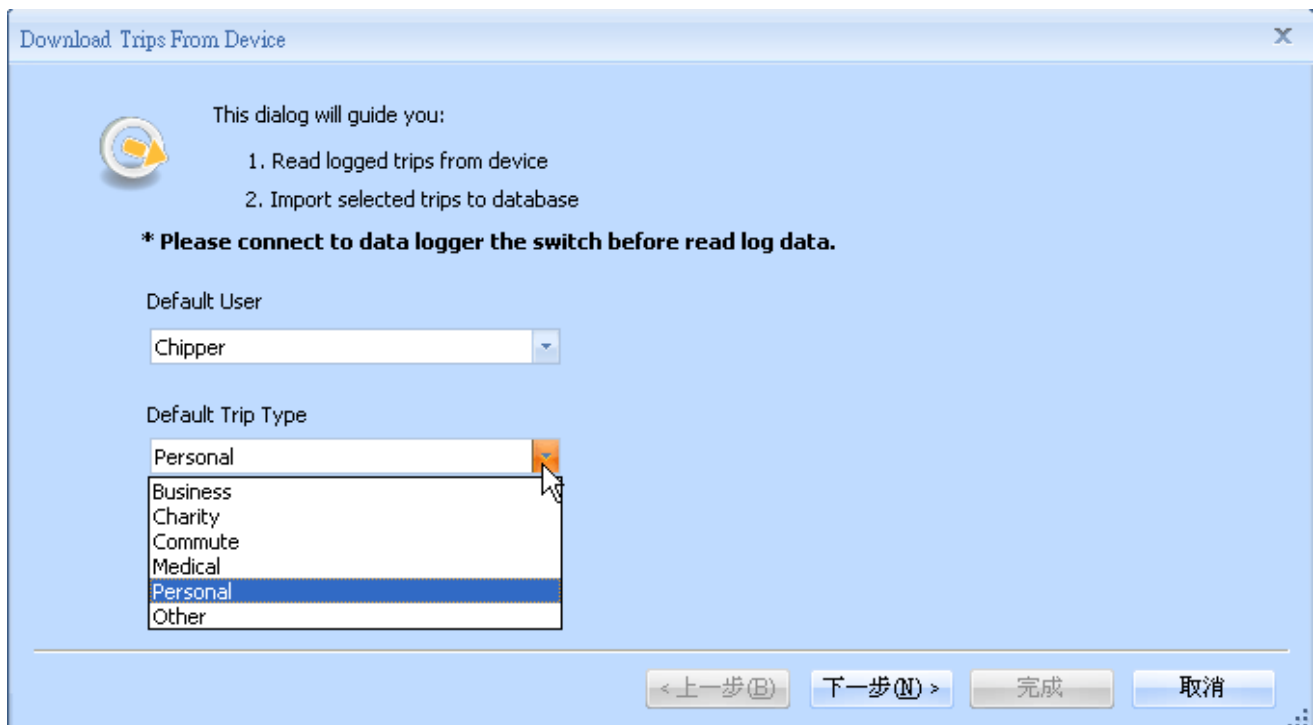
4. Download GPS Log From Device

Step 1 – Connect Data Logger to PC USB port. Please make sure the Data Logger power is turn on.

Step 2 – Menu command “File” -> “Download From Device...” or click on “Import Wizard” icon.

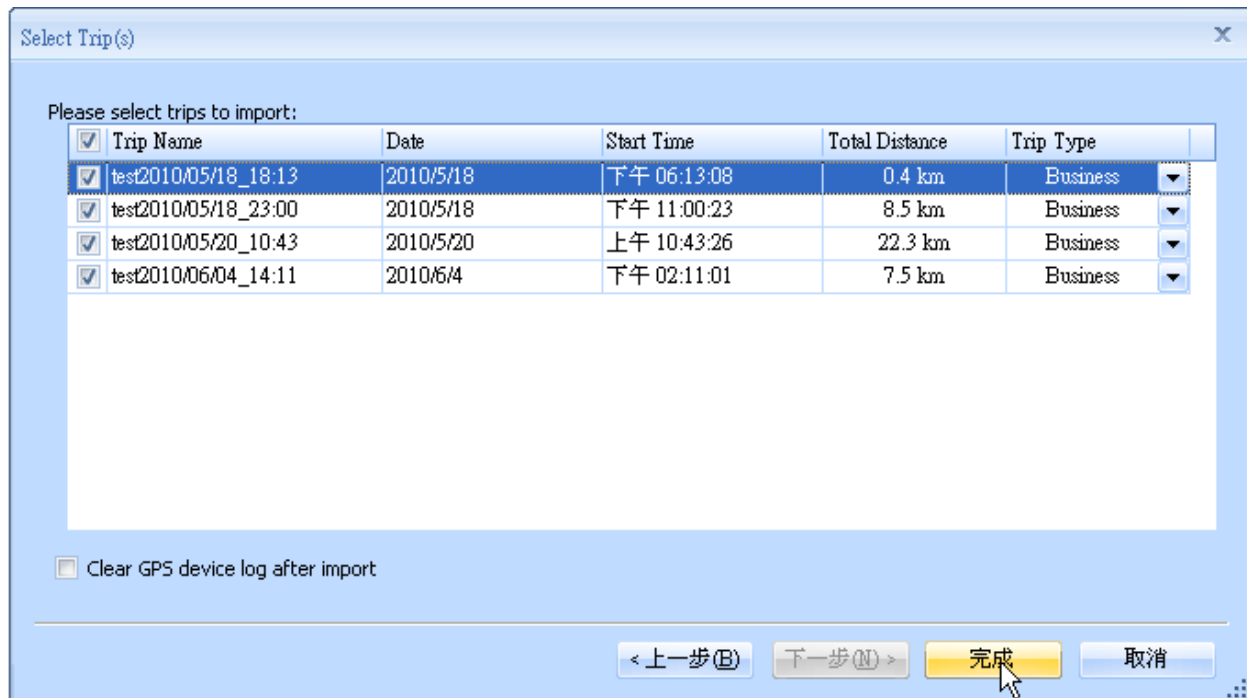
QMileage™ will automatically detect the port and baud rate and read in the GPS tracks.

Step 3 – Specify the users and trip type. Click next step.

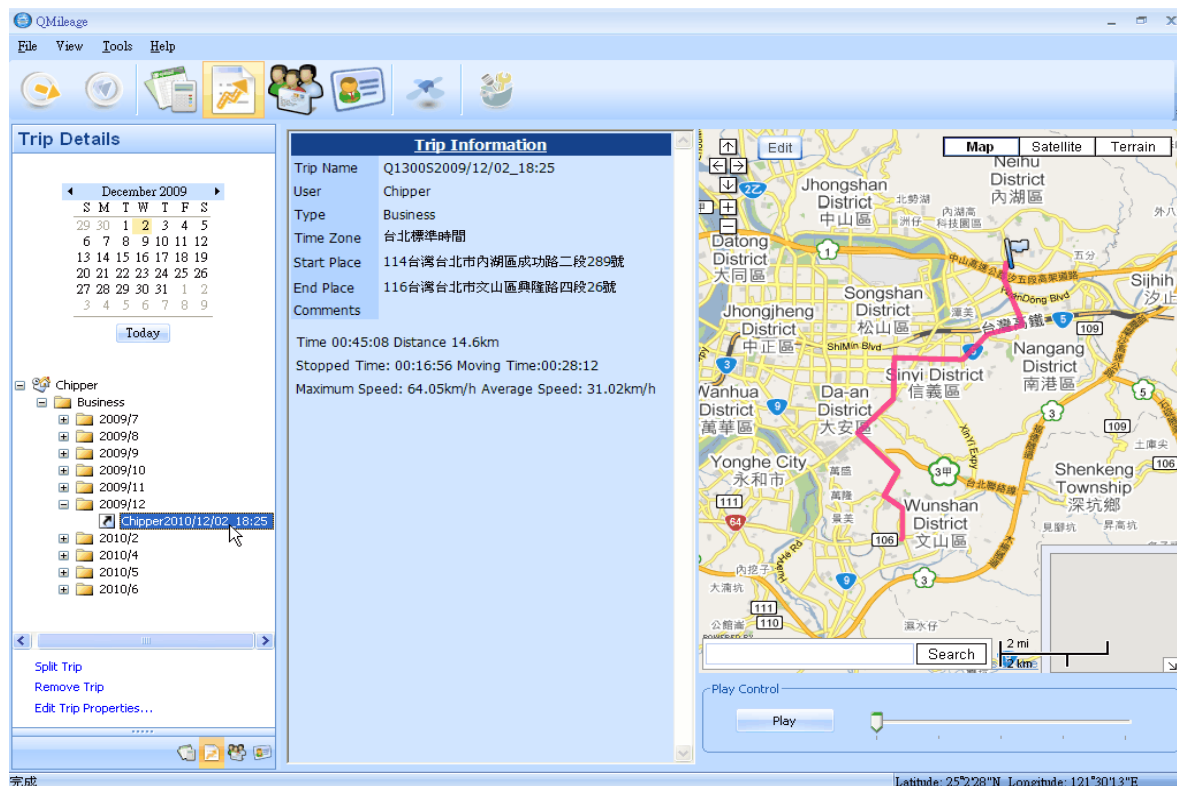


A track list window will be popped up. Select the tracks to import.

Check the “Clear GPS device log after import” box if you want to clear the GPS device memory after import.

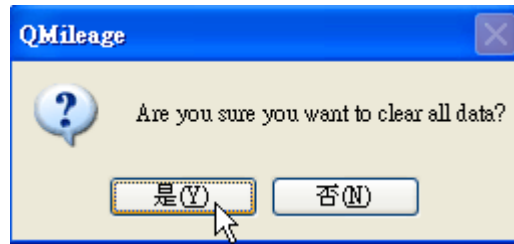


Tracks will be shown on the Google Map window.



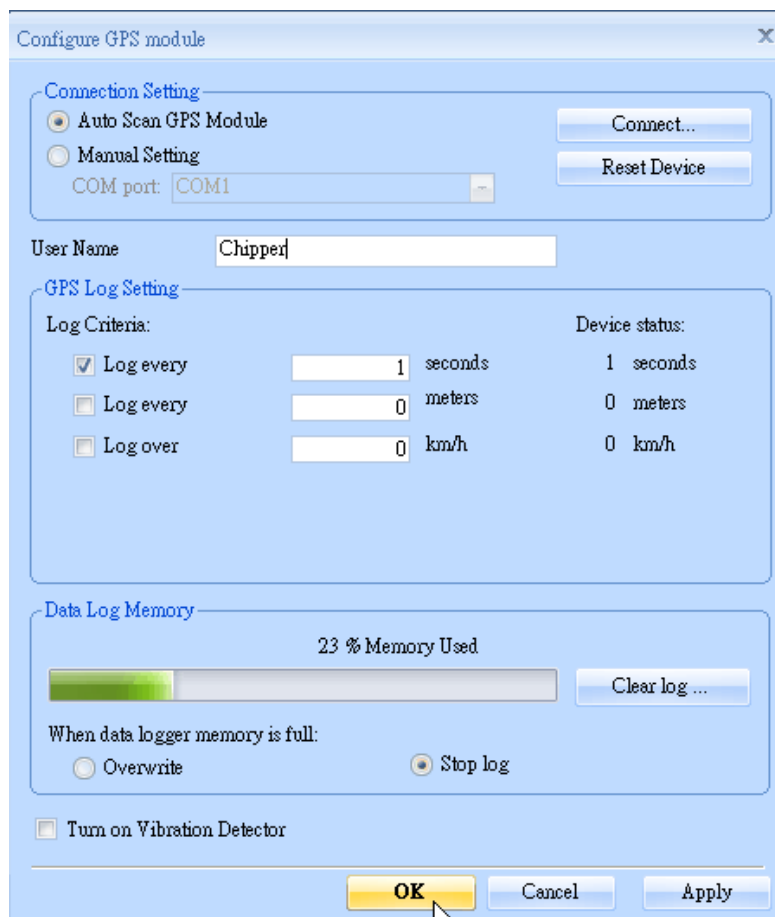
5. Clear Data Logger Memory

Menu command “File” -> “Clear Device log” will clear the data stored in device, so the device memory are enough for next usage.



6. Data Logger Configuration

Connect Data Logger to PC and **turn on Data Logger**. Menu command “File” -> “Config GPS...” or click on “Config device” icon. If Data Logger is not connected, the GPS Log Setting area will be disabled. Please make sure the Data Logger power switch is turn on when connect.



Connection Setting:

Auto Scan GPS Module (Recommended)

The program will automatically detect the com port and the baud rate. It is recommended to set to auto scan.

Manual Setting

Users can also manually set the port and baud rate. Although it can speed up the initial connect time, but it is not recommended unless users understand the valid port and baud rate.

Reset Device

Reset the GPS device when the behavior is abnormal.

GPS Log Setting

Log every () seconds:

Specify the log period. For example, if specify 3 seconds, the GPS device will log every 3 seconds.

Log every () meters:

Specify the log distance. For example, if specify 10 meters, the GPS device will log every 10 meters.

Log over () km/h:

Specify the log speed. For example, if specify 20 km/h, the GPS device will log when the speed is over 20 km/h.

Note: GPS device will log only when the log period, log distance, and log speed all meet the criteria.

Data Log Memory

A bar show how many percentage of memory is used in the Data Logger device. Users can use “Clear Log” to clear all the memory.

When data logger memory is full

Overwrite: Overwrite the earliest logged data.

Stop Log: Stop data logging.

Turn on vibration detecting

Check the box to turn on the Vibration sensor function.

7. Switch Views



There are four different views: “Report View”, “Trip Detail View”, “Customers Detail View”, and “User Profile View”. Users can switch the views by clicking the icon on toolbar.

8. Report View

Address	End Address	End Time	Mileage	Reimbu...	Time (HH:MM)	Type	Comments	Expense	Begin Mil...	End Mile...	Edit...
台北市内湖區成功路	116台湾台北市文山區木柵路	2010/11/17 19:13	13.5 km	NT\$0.00	00:40	Charity		NT\$20.00	0.0 km	0.0 km	Edit...
台北市内湖區成功路	114台湾台北市内湖區成功路	2010/12/10 12:34	2.5 km	NT\$0.00	00:25	Commute		NT\$0.00	0.0 km	0.0 km	Edit...

“Report View” displays all trip information in a spreadsheet.

Select Options for Graph

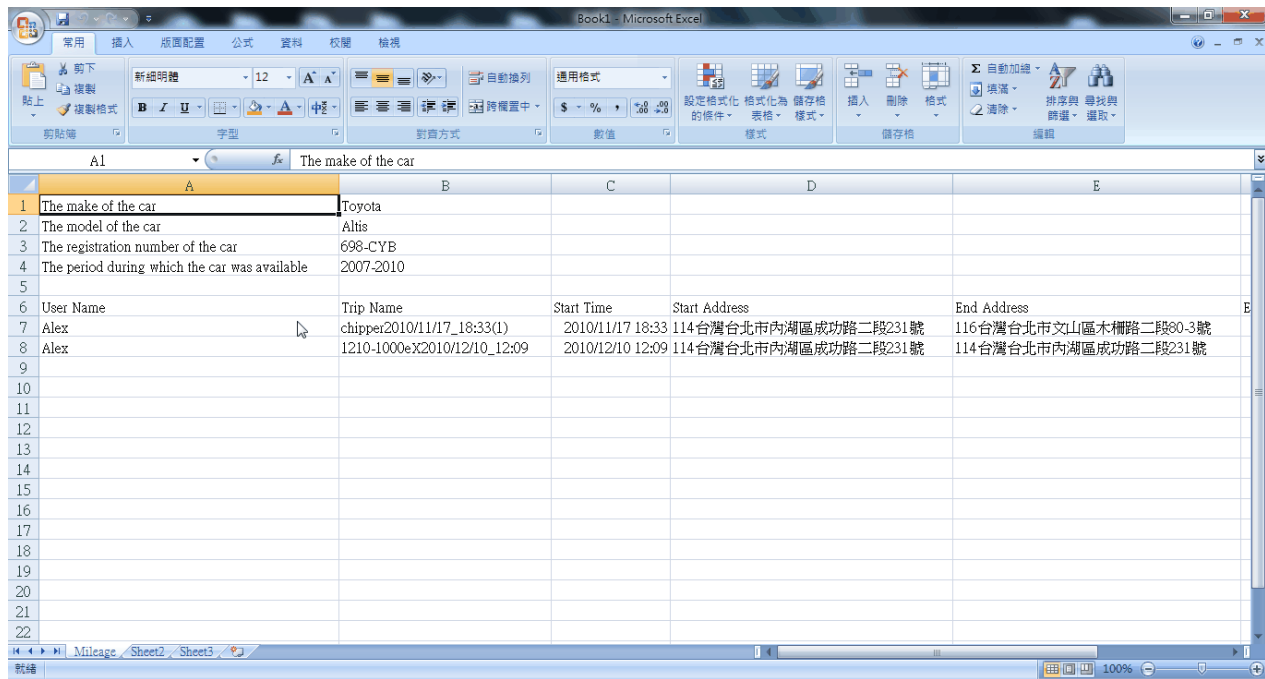
User: From: To: Show:

The Report summary can be customized & filtered by the following criteria: “User”, “Start Date”, “End Date” and “Trip type”.

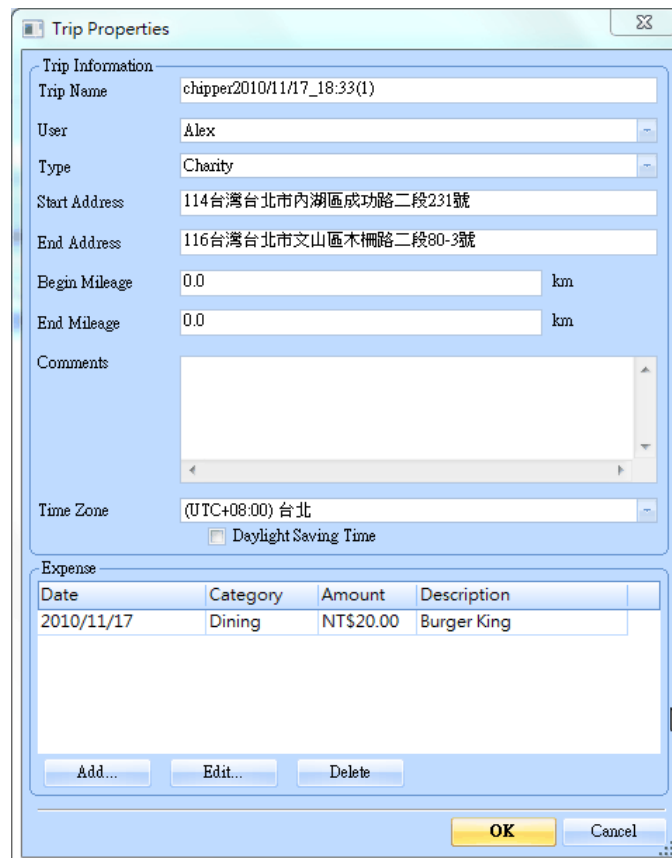
Report

- This Week
- Last Week
- This Month
- Last Month
- Past Month
- Past 3 Months
- Past 6 Months
- This Year
- Last Year
- Past Year
- Past 30 Days
- Past 60 Days
- Past 90 Days

On the left side, users can easily select the time period set.



Clicking “Export Excel” button will bring up the Excel program with records in it. So users can edit the data and save as Excel files.



Clicking “Edit ” will pop up a “Trip properties” window for users to edit the Track information.

Reimbursement Rate...

Business: NT\$ 0.550

Charity: NT\$ 0.140

Commute: NT\$

Medical: NT\$ 0.240

Personal: NT\$

Other: NT\$ 0.120

OK Cancel

Reimbursement	Time (HH:MM)	Type
NT\$4.68	02:02	Business
NT\$0.20	00:08	Business
NT\$4.69	01:33	Business
NT\$12.28	02:56	Business
NT\$4.10	03:48	Business
NT\$0.04	00:41	Business
NT\$0.03	00:18	Business

Click on “Reimbursement rate” button Users can specify the reimburse rate by trip types. Then the QMileage™ will calculate the total reimbursement for users in “Report View”

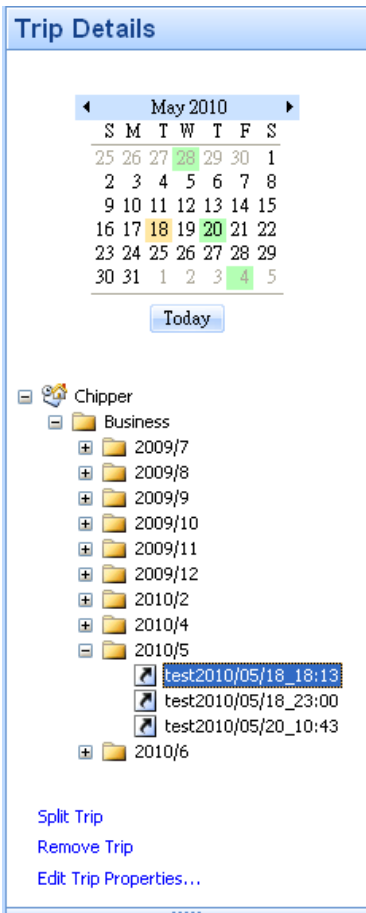
9. Trip Detail View

Trip Detail View will show each track’s properties and show the tracks on Google Map.

The screenshot displays the QMileage application window. On the left, the 'Trip Details' panel shows a calendar for April 2010 with the 18th selected. Below the calendar is a list of tracks, with 'Track2010/04/28_12:0' selected. The main area is divided into 'Trip Information' and a Google Map. The 'Trip Information' panel shows details for a trip named 'Track2010/04/28_12:07(1)' by user 'Chipper', type 'Business', starting at '114台湾台北市内湖区民權東路六段154號' and ending at '114台湾台北市内湖区成功路二段289號'. It also shows a table of visited customers:

Visited Customer	Stay Time (HH:MM)	Start ~ End Time
Dennis	00:55	2010/04/28_12:28:50 ~ 2010/04/28_13:24:29
Dennis	00:22	2010/04/28_13:30:19 ~ 2010/04/28_13:52:35

The Google Map on the right shows a purple route starting from the 'MRT Wende' station area and ending near '捷連昆陽站'. The map includes street names like 'Ding Blvd', 'Gangqian', and 'HuanDong Blvd'. At the bottom of the map, the coordinates are displayed as Latitude: 29°25'14"N Longitude: 121°38'26"E.

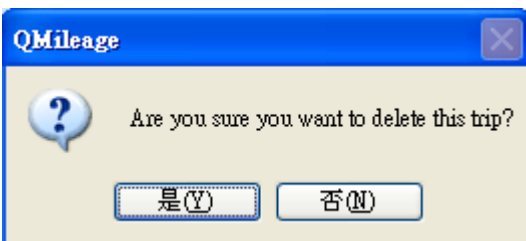


On the left hand side is the control window. On the top is a calendar. The dates with highlighted color stand for dates with tracks.

A tree window shows tracks in hierarchical views. The first level is users. The second level is track types. The third level is month. The fourth level is tracks. So, users can easily browse their tracks records in the tree view.

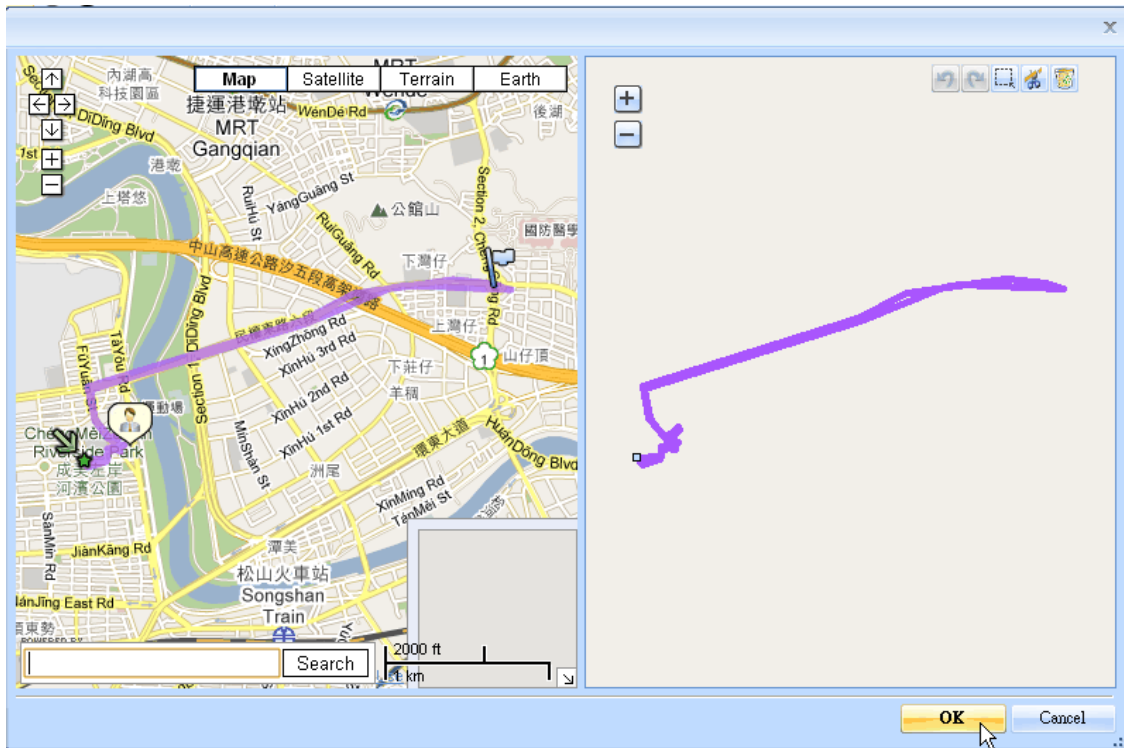
Users can select the tracks in the tree view or select the dates in the calendar. The selection will be synchronized.

Clicking “Remove Trip” will remove the selected track.

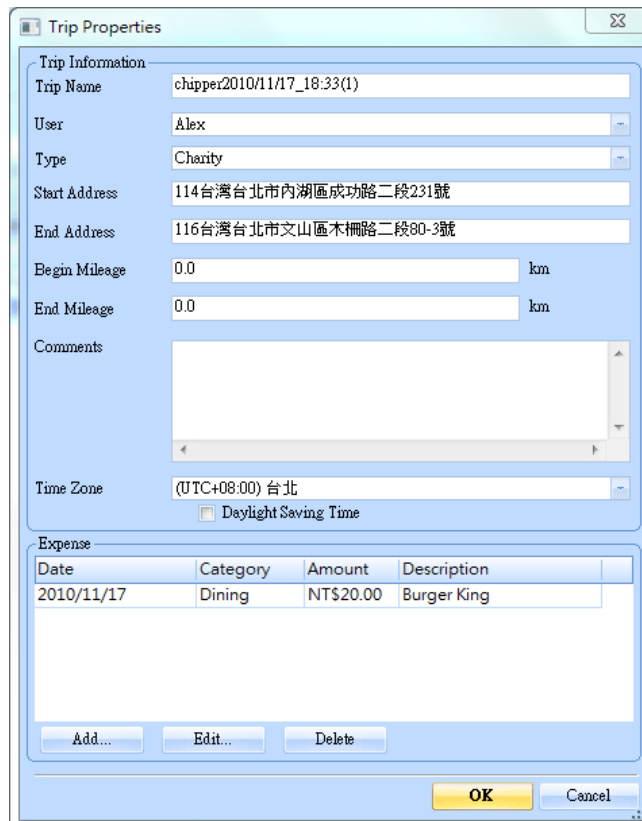


A confirmation dialog is popped up to make sure users really want to delete the track.

Clicking “Split Trip” will open map editor to edit the track



Clicking “Edit Trip Properties...” will pop up the “Trip Properties” dialog for users to edit the track properties.



Trip Information	
Trip Name	Track2010/04/28_12:07(1)
User	Chipper
Type	Business
Time Zone	台北標準時間
Start Place	114台灣台北市內湖區民權東路六段154號
End Place	114台灣台北市內湖區成功路二段289號
Comments	
Time 02:02:31 Distance 8.5km	
Stopped Time: 01:21:51 Moving Time:00:40:40	
Maximum Speed: 43.22km/h Average Speed: 12.56km/h	

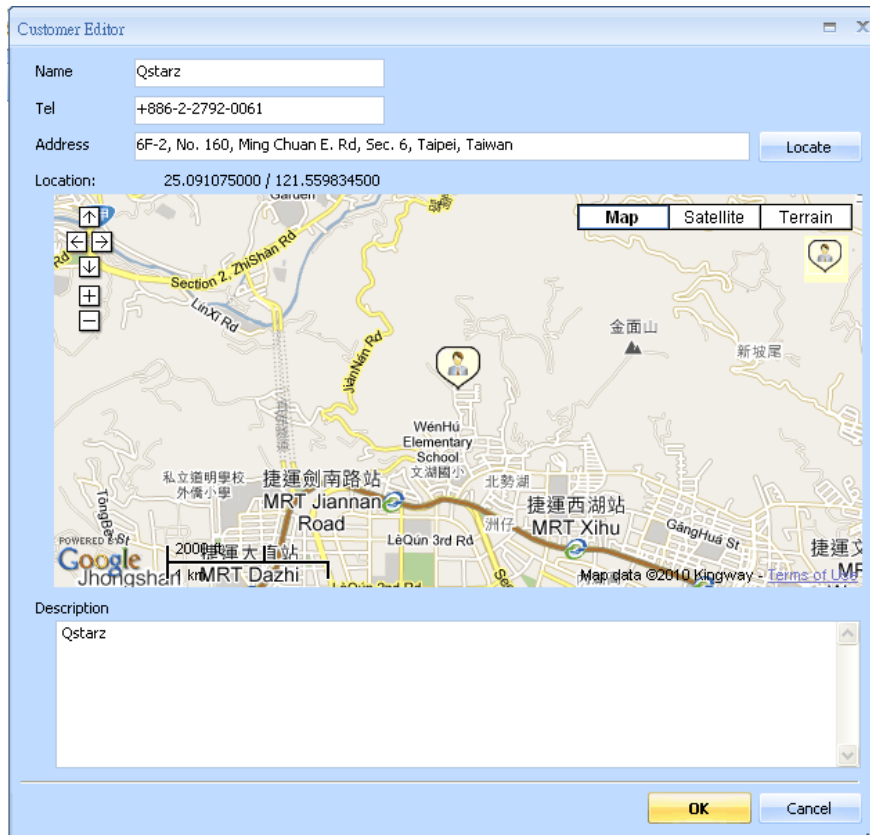
Visited Customer	Stay Time (HH:MM)	Start ~ End Time
Dennis	00:55	2010/04/28_12:28:50 ~ 2010/04/28_13:24:29
Dennis	00:22	2010/04/28_13:30:19 ~ 2010/04/28_13:52:35

Trip Information window display the selected track's properties and visited customer's information.

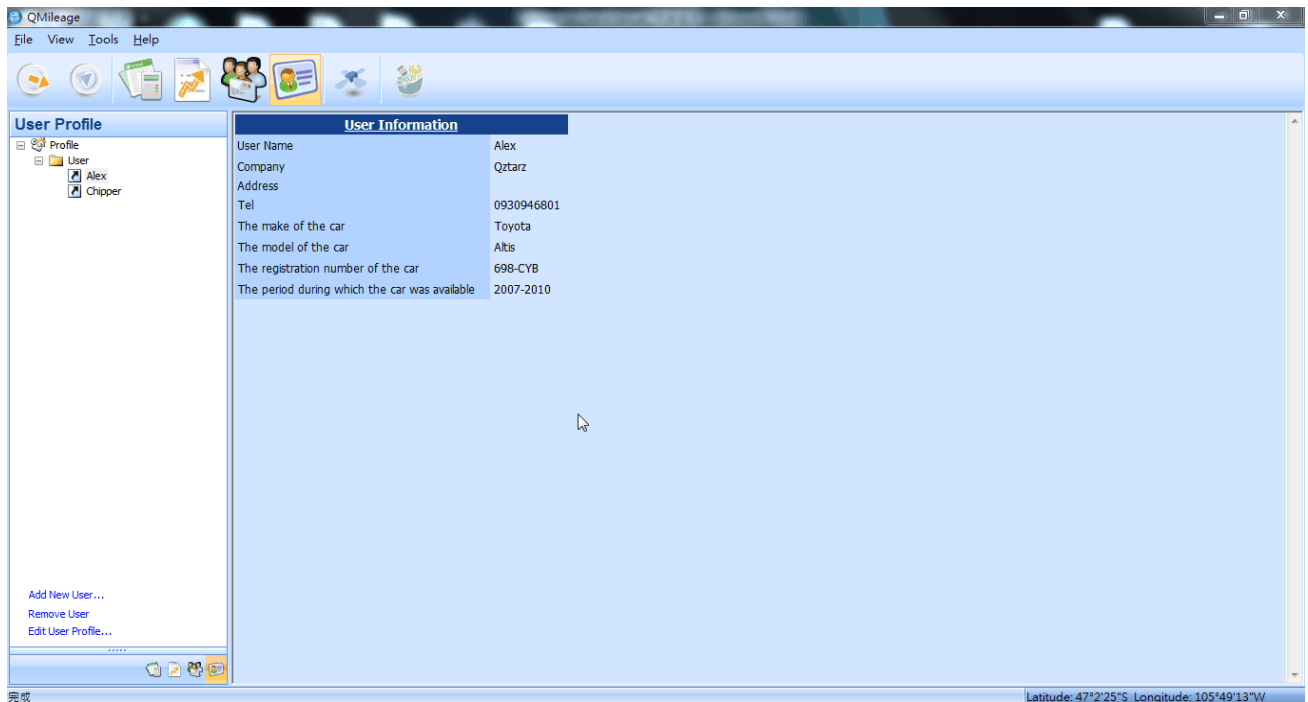
10. Customer Detail View

The screenshot shows the QMileage application window. On the left, the 'Customer Management' panel displays a 'Customer List' with 'Mr Tom' and 'Dennis' selected. Below the list are options to 'Add new customer...', 'Remove customer...', and 'Edit customer profile...'. The main 'Customer Information' panel shows details for 'Mr Tom': Name: Mr Tom, Address: New york, Tel: 231738849, and Description: My Customer in New York. On the right, a map view shows a street grid with 'Broadway' highlighted in yellow. The map includes navigation controls and a search bar at the bottom right. The status bar at the bottom indicates 'Latitude: 25°31'7"N Longitude: 121°33'48"E'.

Users can create customer records. The purpose of creating customer records is for Trip analysis. If users build customer records correct. The QMileage™ will analyze when and how long users visit the customers in the trip.

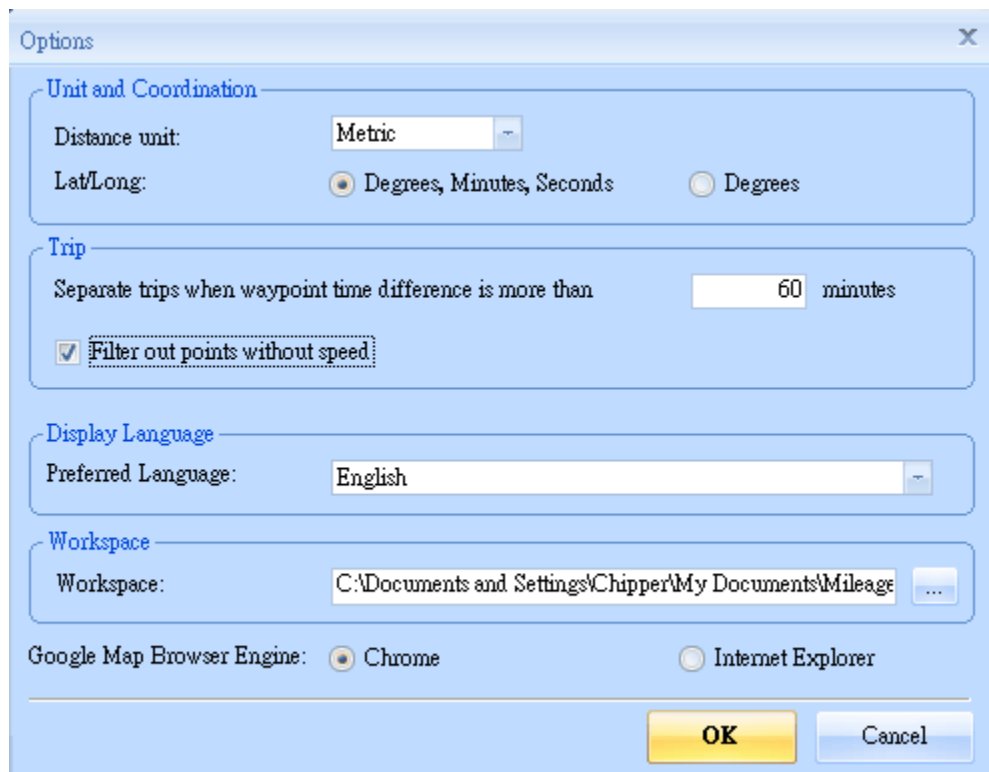


Customer information includes "Name", "Telephone", "Address", "Latitude", "Longitude", and "Description".



The QMileage™ support multiple users view. Users can create users profile and manage each user’s trip records.

11. Options



Distance unit:

Metric: Kilometer / meters will be used for displaying.

Imperial: Miles / feet will be used for displaying.

Lat/Long:

Degrees, minutes, seconds: Latitude and longitude will be display like 23°12'20"

Degrees: Latitude and longitude will be display like 23.22152°

Filter out point without speed:

When import the track from device, QMileage™ will automatically correct the GPS deviation especially is situated in low speed status.

Display language:

Set the languages for menu, buttons and messages.

Workspace:

Select the path of database directory