

## Re: Small PC to access the GPSr over USB

**Source:** <http://sci.tech-archive.net/Archive/sci.geo.satellite-nav/2005-03/1042.html>

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**From:** Wayne R. (*wruffner\_at\_KomKast.net*)

**Date:** 03/17/05

Date: Wed, 16 Mar 2005 20:18:04 -0500

Consider changing to a 2610; they're waterproof enough for a bike, and you can put big enough CF so you don't have to worry about map uploads.

If it's routes you're worried about, try a datalogger – those from the link below will last a very long time.

<http://homepages.tig.com.au/~robk/datalogger.html>

This table is for the XM2 model (there's the XM4 with twice the capacity of XM2):

As an example, let's take a popular model, the DGPS-XM2, and do some calculations.

Assume the Datalogger is in a vehicle.

Assume the vehicle is actually moving for only 8 hours per day.

We'll activate the Speed Check function, so the Datalogger won't waste memory when the vehicle is stationary.

Date and Time will be stored, as that is the most common setting.

Capacity is 196000 timestamped points.

We won't activate 'Automatic Save', 'cos that would be cheating! Auto may improve efficiency over 50%.

Below, We'll provide some logging times, with various Timed Save intervals for DGPS-XM2:

1 second save interval: 6.8 days

2 second save interval: 13.6 days

10 second save interval: 68 days (2.25 months)

1 minute (60s) save interval: 408 days (13.4 months)

2 minute (120s) save interval: 816 days (26.8 months, 2.2 years)

5 minute (300s) save interval: 2041 days (67 months, 5.5 years)

15 minute (900s) save interval: 6125 days (200 months, 16 years)

On Tue, 15 Mar 2005 18:28:36 GMT, "MP" <mpuputti@yahoo.co.uk> wrote:

>At times, when travelling with my motorcycle, I would like to down/upload  
>something from/to my Garmin.

>E.g. on a long travel, download the route memory (yes, it does get full!).

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sci.geo.satellite-nav: Re: Small PC to access the GPSr over USB

- >What would be the smallest available device (in Europe) supporting such
- >downloading functionality?
- >In other words, what would be the smallest PC with a USB port?
- >
- >MP
- >