

SYSTEM REQUIREMENTS

Minimum Configuration

When using Virtual Serial Port or Physical Port the minimum operating system required is
Windows XP, Windows Me, Windows 2000

When using Physical Port ONLY the minimum operating system required is
Windows 98, Windows 95

100 MHz Pentium

10 MB RAM

100 MB Hard Disk

Data MODEM, 9600 BPS, No Parity, No Handshake, 1 Start Bit and a Stop Bit.
Direct Modem Connection to Serial COM Port.

Physical COM Port Optional for Windows XP, Windows Me, Windows 2000.

Display 1024 x 768, 256 Bit color

Keyboard

Mouse

OPTIONAL GPS Electronic Mapping Software.

Mapping Software is NOT included with the kit. If you want to set up a moving map tracking system then you will require a general purpose GPS Mapping Program which includes electronic maps for your area or city where the Unit is to be tracked.

This software should be capable of displaying current position at a minimum update rate of once per second using NMEA 2.0 RMC Protocol strings.

NOTE : No GPS receiver is necessary. The Application software is used to receive GPS data from your BikeBandit™ unit over the GSM network. This is done by sending your BikeBandit™ the “GPS ONLINE” Command. The ONLINE Application automatically receives the RMC Data from your BikeBandit™ unit and passes it to your Mapping Software. If your mapping software is connected to the same Virtual Serial Port or Physical Port as the ONLINE Application “Moving Map COM Port”, then your Mapping Software should display your BikeBandit™’s current position.

Your PC should also be capable of installing and running your Mapping Application.

VSP, VIRTUAL SERIAL PORT

Your "BikeBandit™ ONLINE Application can drive both a Physical COM Port and a Virtual Serial Port.

A Physical COM Port is typically connected to a Modem using a Standard Serial Cable or to another Com Port or computer using a Laplink Cable.

A Virtual Serial Port allows an internal electronic connection in the software making it possible to send and receive serial data to other programs that use serial data input via a COM Port.

GPS Mapping Software typically reads data input from a GPS Receiver connected to its Serial COM Port. This makes it ideal as a Map Display System which can be sent equivalent GPS data via a Virtual Serial Port.

The Mapping Software and BikeBandit™ Application are both RUN independantly of each other. To Connect the 2 applications together first OPEN a Virtual Serial Port in the BikeBandit™ Application. Then access the Mapping Programs Serial Port Menu and select the same port as the Virtual serial Port.

The Mapping Program should automatically begin receiving data when connected to your BikeBandit™ unit via GSM Modem. Once connected Press the "GPS ONLINE" Button to turn ON the GPS.

PSP, PHYSICAL SERIAL PORT

You may also interconnect 2 Serial Ports with a physical LapLink cable. The BikeBandit™ Software sends GPS data between the 2 Ports and the Mapping Software is connected to one of them.

INSTALLING THE SOFTWARE

To Install "BikeBandit™ ONLINE Application with VSP

- 1.Start the Windows operating system
- 2.Close ALL open programs and background tasks.
- 3.Insert the Application CD into CD-ROM/DVD-ROM Drive.

The CD should begin the Auto Installation procedure.

If NOT then manually access the CD and RUN (Double Click) the SETUP.EXE file inside the INSTALL directory.

Your Computer should automatically begin 2 Program Installations.

The First will be the Virtual Serial Port followed by a PC RESTART.

After RESTART the Second Install will begin for the BikeBandit™ Application, after which Installation is complete.