APPLIEDSTREETVIEW

Manual

Alignment of GPS antenna and Camera

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Example arrangement

Spatial:
The **GNSS Antenna Offset** is measured from the Spatial unit (blue) to the antenna (red) in meters.

Spatial Dual:
The **GNSS Antenna Offset** is measured from the Spatial Dual unit to the front (primary) antenna in meters.
The **Dual Antenna Offset** is for the secondary (rear) antenna.
The Distance is measured from the secondary (rear) antenna to the primary (front) antenna. Therefore the X distance (back-> front) is always positive.

Values:
X is positive forward
Y is positive to the right (Out of the passenger side of that vehicle)
Z is positive down.

Programs

To make the adjustments to the Spatial or Spatial Dual you need the Spatial Manager or Spatial Dual Manager program:

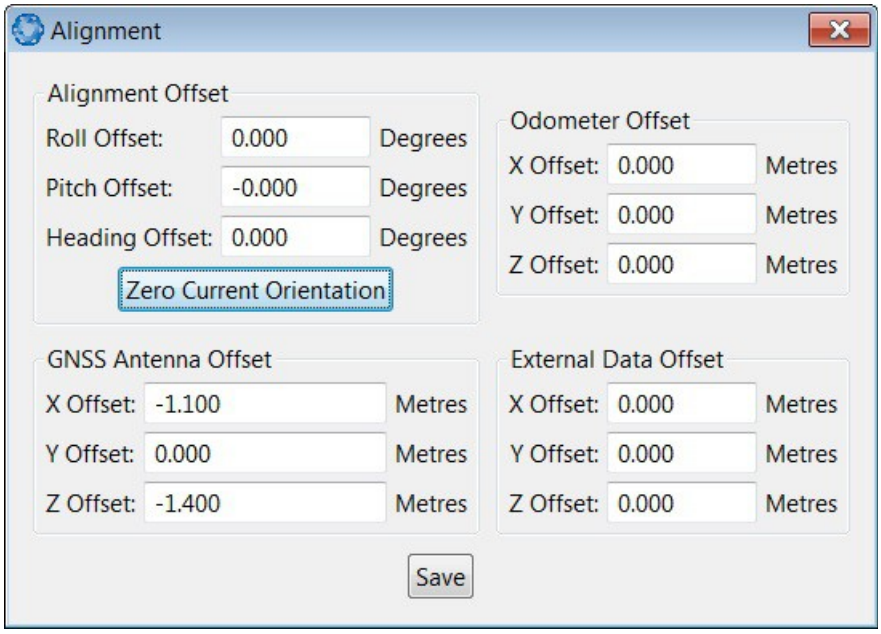
Please download the newest version:

Spatial Manager
Spatial Dual

You might have to install java to run the programs on a Windows PC.

Antenna position

The **Alignment – GNSS Antenna Offset** is for the antennas position.
It is measured from the Spatial unit to the antenna in meters.



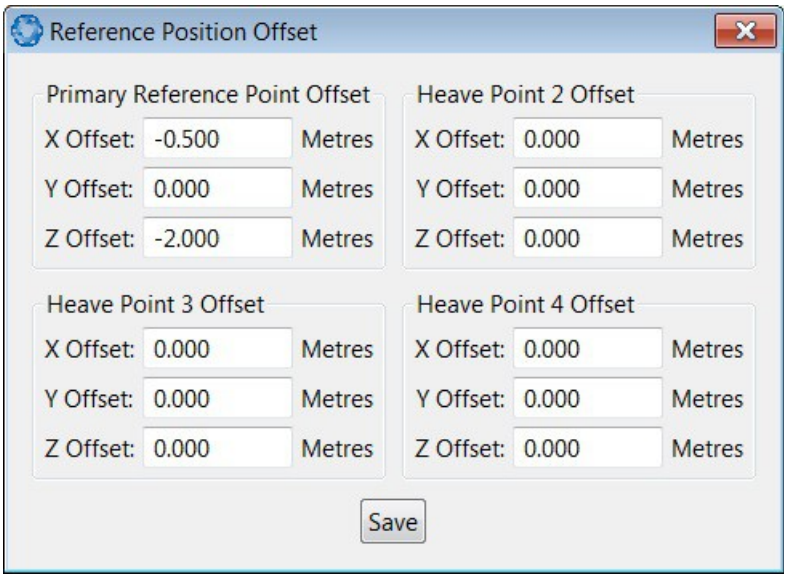
Measured from the Spatial (blue) to the antenna (red):

X, backwards: -1.1 meters
Y, left-right: 0 meters
Z, up: -1.4 meters

Camera position

The Reference Point Offset - Primary Reference Point is for the cameras position.

It is measured from the Spatial unit to the center of the camera head in meters.



For the camera position above these are the values.
Measured from the Spatial (blue) to the Camera head (green):

X, backwards: -0,5 meters
Y, left-right: 0 meters
Z, up: -2 meters

Support

Support is provided in English language only.

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