

## **Abstract**

An time variant geographical information acquisition system for mobile vehicles and the system thereof is disclosed, which provides the time variant geographic information system to at least one mobile vehicle located in the aforementioned three-dimensional space, wherein the system comprises: a plurality of image capturing apparatus, at least one monitoring host and at least one time variant geographical information acquisition system for mobile vehicles installed on the above-said mobile vehicle, in which the data capture device includes: a wireless communication unit, connected to the image capturing apparatus and/or the monitoring host; a timing unit, used to output a timing signal in cooperation with the wireless communication unit; a memory module, storing the geographic information corresponding to at least the aforementioned mobile vehicle in the three-dimensional space; and a traffic scenario output interface, collectively displaying the geographic information and the time variant object information.

(Figure 3)