ABSTRACT

An imaging system for a railway vehicle includes a first imaging module and a second imaging module. The first imaging module is placed in a leading railway vehicle for capturing a stereo image of a first area in a traveling direction of the railway vehicle. The second imaging module is placed in the leading railway vehicle, and is capable of capturing a second area including a farther area than at least the first area for capturing a high-resolution image with resolution higher than resolution of the first imaging module.