

DETECTION SYSTEM FOR DETECTING ENTRANCE OF AIRCRAFT

ABSTRACT

A detection system includes: a passenger boarding bridge; a first camera and a second camera that are provided on the passenger boarding bridge; a height changing mechanism; a controller; and an image processor that detects an entrance of an aircraft from a first captured image captured by the first camera and a second captured image captured by a second camera. The image processor generates a first search area image from the first captured image and a second search area image from the second captured image. The first search area image includes a wider area in an up-down direction than the second search area image does. In a case where the image processor has detected the entrance from the first search area image and has not detected the entrance from the second search area image, the controller controls the height changing mechanism to change a height position of each of the first camera and the second camera.

Figure 4