

INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM,
AND ESTIMATION METHOD

ABSTRACT

5 Provided are an information processing device, an information processing system, and
an estimation method, which are capable of improving the accuracy of estimating the
position of an object planned to pass through a specific area. This information processing
device comprises a detection unit that detects a first face image area included in a first image
obtained by photographing a person, who is entering a gate, in a first direction, and a second
10 face image area included in a second image obtained by photographing the person in a second
direction different from the first direction, and an estimation unit that estimates the position
of the person in the gate on the basis of a change in relative positional relationship between
the first face image area and the second face image area.

15 [FIG. 2A]