

Title Of Invention: GATE DEVICE, AUTHENTICATION SYSTEM, GATE
DEVICE CONTROL METHOD, AND STORAGE MEDIUM

ABSTRACT

5

Provided is a gate device that accurately determines a user to be
authenticated. The gate device is provided with an acquisition unit, a
setting unit, and a gate control unit. The acquisition unit acquires an
upper image and a lower image respectively from an upper camera and a
10 lower camera that is installed on a vertically lower side of the upper
camera. When a plurality of users are captured in both the upper image
and the lower image, the setting unit identifies a user in the forward-most
row among the plurality of users by calculating the distance between each
of the plurality of users and a camera installation surface, and then sets
15 the identified user as a person to be authenticated. The gate control unit
controls a gate on the basis of the result of authentication of the person to
be authenticated.

[Fig. 1]