

[Title] AUTHENTICATION DEVICE, AUTHENTICATION METHOD, AND  
STORAGE MEDIUM

[Document Name] ABSTRACT

An authentication device or the like capable of executing biometric authentication with high accuracy on an authentication target who is moving with less hardware resources and within a predetermined time period is provided. A biometric authentication device 100 includes a detection unit 11 that detects an authentication target who is moving in a predetermined direction, a first image input unit 12 that inputs a first image in which an entire body of the target is imaged, a first storage unit 15 that stores characteristic information of the entire body of the target to be authenticated, a first authentication unit 14 that compares the characteristic information calculated from the first image with the characteristic information stored in the first storage unit 15 and extracts candidate information from the first storage unit 15, a second image input unit 13 that inputs a second image obtained by imaging an iris of at least one left and right eyes of the moving target, a second storage unit 17 that stores characteristic information of the irises of the left and right eyes of the target to be authenticated, and a second authentication unit 16 that compares characteristic information of the iris of the second image with the characteristic information stored in the second storage unit 17 for each target included in the candidate information and authenticates the target in the second image.

Fig.1