



No carry! No wait! High-speed, high-precision identity verification



World's first! Walk-through multimodal biometric authentication technology for face and iris recognition achieved with a single, compact camera

Issues and background

In situations that demand strict verification of identity, such as border patrol, passports are required in combination with biometric authentication which takes time and can cause congestion.

Walk-through, stress-free multimodal biometric authentication able to acquire face and iris information from a distance

Even when passing by at a natural walking pace from three meters away, identity verification is completed before you know it. Users do not need to stop in front of the device or even look directly into it. This will enable a world where scanning of passports will no longer be necessary.

Easy to build and adaptable to any installation environment

Even in various environments, such as outdoors, back lighting, dimly lit, and shadows, walk-through multimodal biometric authentication can be achieved with a single, compact camera.

Accuracy to instantly distinguish 100 million people

Combining the world's No. 1 face recognition*1 and iris recognition*2 achieves high precision while completing authentication instantly.

※1: Ranked No. 1 several times as the world's most accurate face recognition technology in benchmark tests conducted by the US National Institute of Standards and Technology (NIST). The NIST evaluation results do not represent recommendations by the US government for specific systems, products, services, or companies.
<https://jpn.nec.com/biometrics/evaluation/index.html>

※2: Press release: NEC iris recognition technology ranks first in NIST accuracy testing -Joins NEC's face recognition as top ranked technology and strengthens touchless and secure multimodal biometric authentication-
https://jpn.nec.com/press/202109/20210902_01.html



Applicable in diverse environments



Strict authentication completed instantly without lowering accuracy

