

Innovative Tools for Intelligent Video Analysis

Mobile Facial Recognition Appliance

NEC's Mobile Facial Recognition Appliance is a comprehensive solution which utilizes NeoFace - NEC's world No.1 facial recognition algorithm to deliver a powerful video surveillance platform as a new approach to physical security and traditional CCTV systems. With seamless integration to IP cameras and networks, this appliance instantly transforms passive/reactive CCTV surveillance systems into a smart pro-active surveillance solution capable of recognizing unwanted visitors and generate intrusion alerts even before security breaches can occur.



Housed in a compact unit with integrated WiFi/3G, an appliance offers an unprecedented level of flexibility in deployment without costly cabling work. The result is comprehensive security coverage with no compromises.

Features

- Fully automated facial detection and intrusion alert
- Stand-alone operation or integrated into large scale systems
- Compact in size with integrated Wifi/ 3G
- Easy installation and flexible deployment
- Low heat dispersion and power consumption (10W)
- Robust and easy to maintain
- Black list or white list alert selection
- Web interface for easy access and control
- Reduced network bandwidth compared to traditional IP cameras

Applicable Areas

- National ID documents
- Electronic passports
- Border control management
- Access to sensitive zones
- Airport security management
- Criminological work and prison management
- Shopping arcade security
- VIP detection for Customer
- Relationship Management (CRM)

Target Security Area

Low-mid Security Area

Mid-High Security Area



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How It Works

A CCTV camera is connected to the NEC Mobile Facial Recognition Appliance module, thus enabling its onboard face recognition engine to transmit face images captured from the CCTV camera to the NEC face matching server through 3G wireless connectivity.

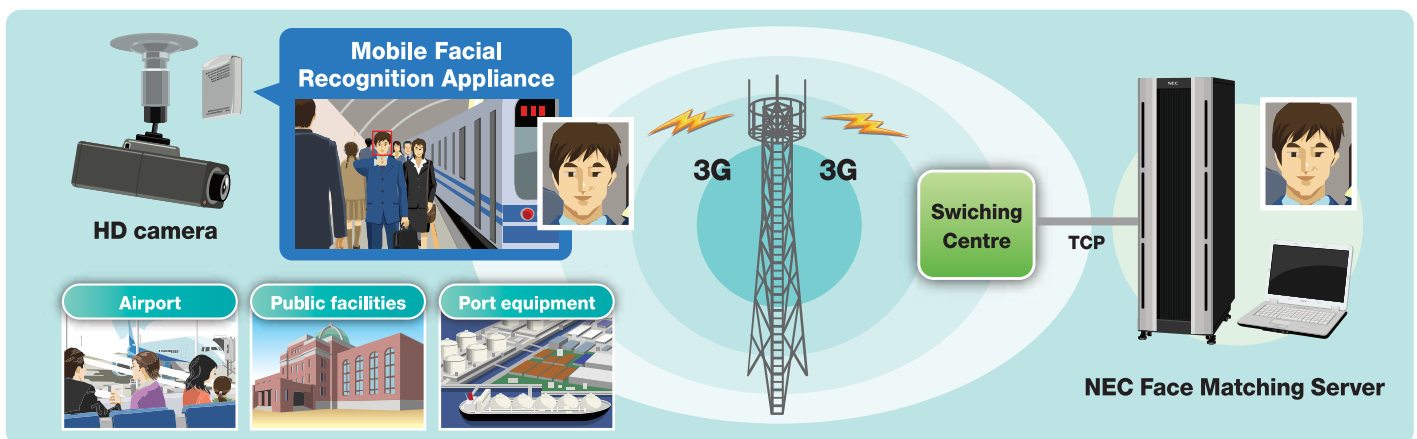
The module is a built-in International Mobile Subscriber Identity (IMSI) telecommunication device with an embedded face recognition engine. It is a highly secured device protected by a weatherproof case. In addition, it is not affected by surrounding environment and is capable of processing high-quality images anytime and anywhere.

NEC - The Leader in Biometrics Solutions

NEC Corporation is one of the world's largest manufacturers of IT and telecom technologies, as well as a leader in IT, network and electronic component solutions. Having developed biometric security solutions for more than 30 years and installed numerous AFIS systems across the globe, NEC is one of the world's most renowned biometric specialists.

Specification

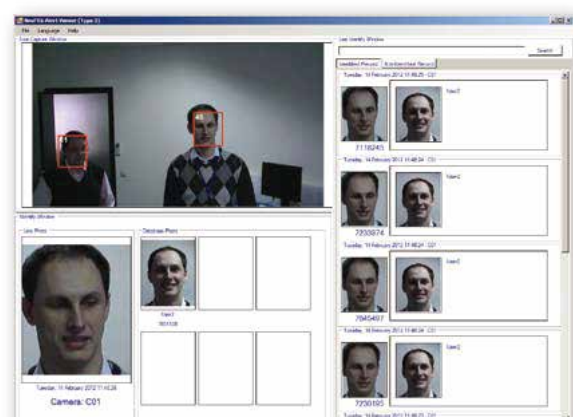
Frequency	3G WCDMA
Feature	Build-in SIM card and 3G antenna
Connectivity	Video-in H.264 encoding, USB for external storage, DC-in
Case	IP54 protected



Enrollment UI



Alert Viewer



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