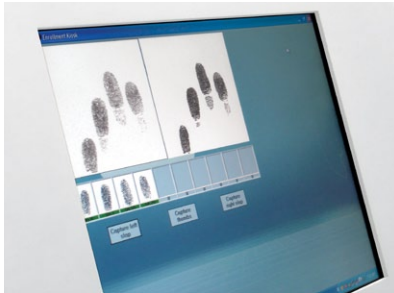


vKIOSK



Vlatacom Kiosk - Enrollment and Verification

Product Description

Vlatacom has developed this multi-purpose kiosk in order to enable efficient acquisition and verification of biometric data in the various systems that require them. By combining different components, biometric kiosk could function as biometric enrollment station and/or biometric identity verification station. The kiosk is constructed to satisfy the ergonomic needs and requirements of end users, accommodating handicapped persons, children, and functions regardless of applicant's skin colour, presence of hair, beard, etc. It can be wall-mounted, floor-fixed or free-standing.

Highlights

The Vlatacom Enrollment Kiosk is a data enrollment station that collects all information necessary for the production of identity documents such as passports, ID cards, and driver licenses. The Enrollment Kiosk is a front-end solution that includes all the necessary hardware and software components to enroll ID document applicants and to capture their fingerprints, facial images, and signatures. The system is designed to be a user-friendly self-enrollment kiosk equipped with a touch screen.

The Vlatacom Verification Kiosk is a stationary self-service kiosk featuring customizable biometric functionalities. The Verification Kiosk biometrically verifies the identity of an ID document holder. This means that the holder's facial and fingerprint images are captured and compared to those stored or printed on the ID document. The capture of the holder's biometrics is automated, as is the comparison with the ones retrieved from the document's contact/contactless chip or 2D barcode.

It can be user-controlled or controlled by the operator. A PC, touch screen monitor are installed in the kiosk, as well as a microphone and speakers enabling communication between the user and the operator. The kiosk also includes a UPS device which provides continued operation in case of power failure.

The captured data is kept in formats which comply with ISO/IEC 19794 standard, custom custom format available upon request.



Specification

Enrollment Kiosk

Dimensions:

Height: 1537mm
Footprint width: 749mm
Footprint depth: 751mm

Monitor:

Touch screen, 15" TFT Active Matrix Panel
1024x768 (XGA) resolution, anti-glare, hard coating (3H),
250 cd/m2 brightness

Camera:

10 Mpixel, 4x optical zoom, TTL autofocus

Fingerprint Scanner:

4-4-2 scanner, no moving parts, solid
true 1000 ppi scan resolution (FBI certified)
fingerprint capture format: 81.2 mm x 76.2 mm

Signature Pad:

Pressure sensitive surface sensor
touch field surface: 77 mm x 58 mm

Verification Kiosk

Dimensions:

Height: 1537mm
Footprint width: 749mm
Footprint depth: 751mm

Monitor:

Touch Screen, 15" TFT Active Matrix Panel
1024x768 (XGA) resolution, anti-glare, hard coating (3H),
250 cd/m2 brightness

Document Reader:

400 dpi image resolution
24 bits/pixel RGB
visible, IR, UV illuminations
MRZ read
2D barcode decoding (PDF 417)
contactless chip reading (ISO/IEC 14443 A&B)
advanced security features (SAM modules)

Camera:

6 Mpixel, 12x optical zoom, TTL autofocus

Fingerprint Scanner:

4-4-2 scanner, no moving parts, solid
true 500 ppi scan resolution (FBI certified)
fingerprint capture format: 81.2 mm x 76.2 mm



Research and Development Center

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