



Technical Specification

EXCEPTIONAL EASE-OF-USE

Step 1: Scan Card



Step 2: Take a Glance



Step 3: Go!



STATE-OF-THE-ART FACE RECOGNITION TECHNOLOGY

Allows proof of a person's identity by comparing live face images with previously registered face images of that person.

FaceVACS® face recognition technology is robust against typical gesture changes, aging, weight gain or loss, Pose (+/- 15-degree deviation from front image), minor partial face occlusion, beard and hairstyle changes, Wearing glasses (except dark sunglasses), lighting

changes that do not cause strong shadows.

FUNCTIONALITY

- Physical Access Control and Time / Attendance
- Management of person enrolment using master cards
- Operation mode: card only or card and face verification
- User groups / department management
- Time based Access Profiles on user groups
- Transaction logging and access through Web browser
- Built in database server for reporting / data export to Excel xls or text csv files
- Master / chain to synchronize multiple devices

CAPACITY

- 100/ 500 Users
- 50 user groups / profiles
- 17,000 transaction records

Device Operation

- Embedded device; minimal device management required
- User friendly Web interface for Administration
- XML based API for remote control

TECHNICAL SPECIFICATIONS

Wall Mount Unit

- Dimension: 400mm x 135mm x 55mm
- Power: through Controller Unit
- Display: 3.5" TFT colour LCD
- Camera Sensor type: 1/4" CCD
- Camera Resolution: 320x240 pixels
- Valid range of Applicants' Height: 1.45m to 1.95m
- Mounting: Beside the door Bottom line to ground 1.3m

Controller Unit

- Power:
 - Input □ 100-120VAC 2.8A /
 - 200-240VAC 1.6A
 - Output □ +5V 12A □ +12V 5A
- Interfaces:
 - Network Interface: Ethernet (100BaseT)
 - Optional USB
 - Optional RS485

- External Control: Dry contact
- Siren out (optional)
- Door contact in (optional)
- Characteristics:
 - Storage capacity: Compact Flash roughly 17,000 records (snapshot included)
- Dimensions:
 - 355mm x 285mm x 70mm
- Mounting:
 - In a safe area / behind the door)
 - Distance to Wall Mount Unit: 6m

BIOMETRIC OPERATION

- Verification time: Typically less than 1 second
- Maximum verification time: 6 seconds (time out)
- Biometric Performance: for typical indoor environments: False Rejection Rate: 2% / False Acceptance Rate: 1%

AVAILABLE MODELS

Packaged Device

- Ready to mount unit consists of
- Wall mount Unit including Mifare Card reader
- Controller Unit
- Connection Cables

OEM Device

- Ready to run unit consisting of Wall mount Unit
- Optionally w/o housing Controller Unit
- RS485 interface

Demonstration Device

- Ready to run unit consisting of
- Wall mount Unit including Mifare Card reader
- Controller Unit
- Set of sample Access cards
- Assembled into an easy to carry and easy to setup demonstration case

Disclaimer

Like any biometrics, face recognition intrinsically cannot provide 100% recognition accuracy. The remaining uncertainty has to be considered by the customer and can be operationally covered to a certain degree.