

SekuFACE

- Over-IP communications and web-configurable
- Compliance with privacy constraints and ICAO standard (ISO/IEC 19794-5)
- Night&Day operation
- Anti-camouflage functionality



FEATURES

Biometric recognition – SekuFACE is Eurotech recognition system that detects human faces and processes them automatically into a biometric map to deliver access control applications with high security standards.

Performance – SekuFACE creates a biometric map in just 3 seconds, ensuring individuals' images to be compliant with ICAO standard.

Data and Communications – Biometric recognition maps the facial image into a vector track that does not represent the individual's picture and from which the facial image cannot be traced back. Tracks can be stored on the local memory and sent to an external supervision system that centralizes accesses to manage more passages at the same time.

Installation and settings – SekuFACE standard model is suited for indoor installations. Outdoor configurations are also available on demand (IP66 version). Design is polished and elegant; set up is intuitive and fast: the system can be made operative by configuring few basic parameters.

- Military and Civilian Installations
- Access control in high-risk areas, e.g. Barracks and Courts
- Access control in residential areas
- Access control in private and public buildings, e.g. hospitals, museums, airports, ports, manufacturing plants, pharmaceutical and chemical plants, restricted access R&D departments

SekuFACE provides a high-end IP-based biometric face recognition system, compliant with privacy constraints and aligned with the highest performance levels presently available in the market. SekuFACE delivers face recognition in just a few seconds (3sec for mapping plus 0.003sec for each entry in the biometric database), without triggering input. Average identification rate achieves 95%, thus ensuring extreme reliability.

An intuitive web GUI makes it easy to configure operating parameters, vision and communication features, FPM (False Positive Matching) and FNM (False Negative Matching) levels. It features effortless management of white/black lists, as well as a statistical analysis of detections. Data is provided in CSV and highly optimized formats and securely stored locally or in a remote FTP server.



Vision System

IMAGE CAPTURE

- Resolution 1296 x 966 pixels (1.3Mpixel BW)
- Progressive scan CCD BW
- Lens type 8,5mm
- Automatic Gain Control
- Auto White Balance
- Back light compensation

INTEGRATED IR ILLUMINATOR

- Class 1M CEI EN 69825-1 ed. 4
- Power 1,5W
- Wavelength 850 nm
- Angle 30°

RECOGNITION PROCESS

- Capture rate 6 face images per second
- Image analysis for ICAO standard compliance and biometric profile creation in 3sec.
- Matching analysis with stored profiles in 3sec. every 1000 profiles in database

Interfaces

PORTS AND I/O

- 1x 10/100BASE-T Ethernet Port
- 15" LCD TFT Monitor
- 2x optoisolated input/output (trigger in/trigger out)

POWER SUPPLY

- 24VDC

POWER CONSUMPTION

- 74W

Storage capacity

INTERNAL STORAGE

- Up to 600.000 JPEG face images (300 GB Storage; 500 KB per face image with text file included)

Communications

TCP OPTIONS

- Web GUI configuration panel for TCP parameters
- DHCP client or manual configuration

RS232 OPTIONS

- Configurable Transmission data format
- Configurable RS232 parameters

DATA FORMAT

- Data exchange CSV file for access records
- JPEG face images associated with access records
- Eurotech Cloud Computing platform compatible

Physical Characteristics

Module dimensions: 180 x 50 x 15 cm (70.9"x 19.7" x 5.9")

Weight 15 Kg

Temperature range: 0°C to +45°C (extended temperature option)

IP54 Mechanical Protection

Order Codes

SEFACE-10-10-00: SekuFACE component kit, B/W CCD, 1330x1000 pixel resolution, 850nm IR Illuminator, 15" TFT panel

SEFACE-11-10-00: SekuFACE totem, B/W CCD, 1330x1000 pixel resolution, 850nm IR Illuminator, 15" TFT panel

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