VisionPass
The ultimate facial recognition access control device
Why IDEMIA?

With more than 40 years of experience in biometrics and over 4 billion fingerprints managed worldwide, IDEMIA achieves top-tier performance in independent tests (such as NIST evaluations).

Our algorithms, sensor technologies and manufacturing expertise make us the partner of choice for the most prestigious organizations.

We provide biometric products and solutions to governments, law institutions and public services where identity, authentication and security are a priority.

Key benefits

» Secure and convenient
» Accurate and fast
» Works in all lighting conditions
» Resistant to spoofing
» Efficient with face masks
Key features

**High-end multi-technology optical set**
combined with industry leading facial algorithms

- **InfraRed camera**
  for biometric performance in high/low lighting conditions

- **Visible light camera**
  to benefit from the accuracy of our latest algorithms

- **3D camera**
  for anti-spoofing and improved biometric performance

**Fully handsfree near-motion verification, up to 40,000 users**
High throughput up to 30 users/minute

**Efficient in all light conditions**

**Fully inclusive**
Works efficiently with everyone

IDEMIA
best facial algorithms

NIST 1
2021 Facial Recognition Vendor Test
Key features
Wide angle capture for a fully frictionless user experience

1. **Intention area**
   - Optimized capture distance to preserve user privacy
   - Intention area: where the user is identified (privacy bubble)
   - Camera area: field of view

2. **Horizontal angle**
   - To cope with face angles or side arrival in front of the device
   - Biometric area: where guidance may be initiated

3. **Vertical angle**
   - (120-200cm)
   - Enables detection of persons above or below standard height
The industry's most efficient antispooing technology
Successfully defeats fraud attempts by photo presentation (printed, screen) or 3D molded masks

Fully efficient with face masks
Successful facial recognition with masks and optional mask control

IDEMIA awarded IBeta PAD* levels 1 & 2
*Presentation Attack Detection

IDEMIA
Best True Identification Rate with and without masks

DHS 2020 Biometric Technology Rally
Key features

Multi-factor authentication capability with built-in RFID & BLE readers
Reads contactless cards, mobile and QR codes credentials

- Mifare, Desfire, HID Prox, iClass, SEOS
- Biometric data can be stored in the card
- HID Mobile Access via BLE or NFC
- QR code scanning for visitors
- PIN code option
Key features

Quick & easy installation and maintenance to save deployment costs

- Thick wall plate to fix the product
- Simpler cabling & plugging
- High-quality bespoke optional mount accessory for easy, quick and aesthetical integration into most speedgates

Plug & play with most industry players for easier and faster deployments

- Already supported by most PACS* platforms, communication with door controller by OSDP secure mode and integrated by leading gate vendors

*PACS: Physical Access Control Systems
Support & Services

An optimized offering

Benefit from IDEMIA's world leading expertise to leverage knowledge and mastery of biometric solutions.

Have the assurance that product configuration is constantly optimized for accuracy, security and privacy.

Receive a high level of reactivity and support from our Customer Care Center.

Have visibility and guidance to anticipate the future.
Specifications

Technical specifications

- CPU: Nvidia ARM Cortex-A15 Quad-Core 2.1GHz
- 7” WVGA color capacitive touchscreen
- Loudspeaker & microphone
- Audio & video player
- Touchless face sensor: Visible light camera (2D) Infrared camera (2D) 3D camera
- Contactless reader options: HID Prox, iClass, MIFARE/DESFire Nativity supports PIN code
- Tamper switches
- Internal storage capacity: 20,000 user records extendable up to 60,000 with license 250,000 IDs in authorized user list 1 Million transaction logs
- Network/Communication: Ethernet, RS485, RS422
- Inputs/outputs: Wiegand In & Out (customizable up to 512 bits), OSDP, Door relay, 3 GPI (including door monitoring), 3 GPO
- Power supply: 12 to 24 V DC (3A min @12V)
- Operating conditions: Temperature: -10°C to 45°C (14°F to 113°F) Humidity: 10%-80% (non-condensing)
- Ingress protection: IP65
- HxWxD: 325x143x110 mm/12.8x5.6x4.3 in
- Weight: 2.1kg/4.63lbs
- EMC/Safety standards: CE, CB, FCC
- RoHS, REACH, California Proposition 65 and WEEE compliant

References & ordering numbers

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<th>iClass legacy, SE, SEOS frequency 13.56 MHz</th>
<th>HID Prox frequency 125 khz</th>
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Contactless authentication factors

- MIFARE® DESFire® frequency 13.56 MHz
- iClass legacy, SE, SEOS frequency 13.56 MHz
- HID Prox frequency 125 khz
- HID Mobile Access

Online resources

- Product page
- Product video
- Biometric Devices portal
- LinkedIn group

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