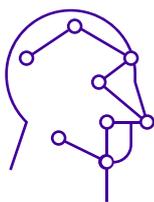


# VISIONPASS SP

Advanced facial recognition  
access control device





When it comes to access management, organizations are looking for airtight security solutions that provide a streamlined user experience for a high volume of users. IDEMIA's facial recognition technology offers advanced speed and accuracy performance and requires minimum behavioral adaptation from the user.

**VisionPass SP** - the latest addition to IDEMIA's biometric access control family - offers **frictionless user identification** for access control. With all the **essential** features and capabilities of the field-proven VisionPass, the sleek and compact SP version provides **accurate and fair matching** results **in less than one second**, for all users, in any lighting.



### #1 Biometric technology

- > Patented optical set with visible, infrared and 3D face acquisition
- > Fast, accurate and fair matching results with top-tier NIST FRVT evaluations
- > Superior fraud detection evaluated by third party laboratory (iBeta Level 1)



### Facilitate mobility

- > Compact for any door installation
- > Embedded RFID reader
- > Seamless integration with all PAC Software and MorphoManager
- > Power supply by PoE+



### Eco-friendly

- > Eco-design to minimize carbon footprint
- > Automatic deep-sleep mode for ultra-low power consumption



## IDEMIA, #1 in biometric technology

With over 50 years of experience and more than 5 million biometric devices deployed worldwide, IDEMIA is the undisputed leader in biometric technology.

Our algorithms - widely recognized as the most accurate, fair, and consistent on the market, and ranked among the top-tier in NIST FRVT evaluations - combined with our expertise in product design and manufacturing, make us the partner of choice.

VisionPass is already securing thousands of organizations, assets, and people worldwide. In the banking sector, it modernizes and accelerates access management for hundreds of thousands of employees, ensuring a fast, seamless, and non-intrusive clearance process.

In data centers, VisionPass protects sensitive data by preventing unauthorized access, delivering unparalleled ease of use and biometric performance.

## Embedding best-in-class technologies

### Increased security of your access management system

- > Use capacity: processes up to 50,000 users
- > Multi-factor authentication capability with built-in RFID, QR code reading and PIN code verification
- > Adjustable capture area to confirm the intention of users who are trying to gain access
- > Embedded anti-spoofing capability evaluated by third party laboratories (iBeta Level 1)
- > Secure communication with the company network and door controller via OSDP



### Easy deployment at access-control point

- > Compatible with a variety of locations thanks to the robust and reliable design (IP65 / IK07)
- > PoE+ power supply, no need for external power supply
- > Embedded relays for single door access control
- > Embedded white additional LED for low light environment
- > Saves up to 75% power consumption in deep-sleep mode



### True convenience with seamless adoption

- > Free-flow user journey without interaction with the device
- > Fully adaptable to face changes
- > Wide angle detection adaptable to heights of 1.20 to 2.00 m
- > User guidance with live feedback (5" touch screen)



### Go live quickly

- > Plug and play with most industry providers of physical access management solutions
- > Easy configuration, group-based settings, centralized management, and detailed reporting with MorphoManager software
- > Compatible with sites already equipped with the VisionPass technology
- > Accepts external digital photo to simplify the enrollment process



### User privacy by Design - compliant with GDPR

- > **No local storage** of users' images **at any time** - only abstract structure of the face template (sequences of ones and zeros)
- > **Irreversible face template** - cannot be turned back into the original image
- > Face templates are securely managed **in the device**, and protected by AES 256 encryption, or **can be kept by each user on their secure RFID card**



### Security by Design and by Default

- > **Secure DevOps** and **Pentested**
- > **Secure booting** and **authenticity checks**
- > Crypto chip to **secure sensitive data**
- > **Safe communications** with eco-system
- > **Trigger alarms** in case of tampering
- > **Full description** in the General Security notice



## Fingerscan

VisionPass SP Fingerscan **bridges the gap between fingerprint and facial recognition technologies**, it integrates seamlessly with VisionPass SP, providing dual biometric modalities, enabling inclusive and **efficient access control in any conditions**.

This adaptability and reliability make it an essential tool for modern, future-ready biometric systems.

- > A **high-quality fingerprint sensor** designed to deliver fast, accurate, and reliable biometric authentication
- > Presentation **Attack Detection**
- > Robust design with IP65-rated enclosure, making it **durable and suitable for various environments**
- > Embedded secure communication **ensuring data integrity**
- > Easy **deployment via USB** simplifying integration



## Full technical specifications

- › **CPU:** Multi-Core 1.8GHz + NPU
- › **5" WVGA IPS color touchscreen**
- › **Face acquisition:** 2 x 2 MP visible/IR, 3D stereovision
- › **Illumination:** white and infrared LEDs
- › **Proximity sensor:** 61GHz radar sensor
- › **Sound:** buzzer
- › **Face performances**  
Intention area 0.3 to 1.0 m (adjustable)  
Field of view (H x V): 55° x 90°  
User height from 1.2 to 2.0 m  
Matching speed < 1s  
Flow rate: 30 users per minute  
IBeta Level 1 Presentation Attack Detection  
Compatible with masks
- › **Authentication options with contactless cards and more:**  
MIFIRE/DESFire EV1, EV2, EV3  
HID Iclass and SEOS  
QR Code  
PIN Code
- › **Internal storage capacity:**  
Flash 16Gb and RAM 4Gb  
Database up to 10,000 users for 1:1 (verification) or 1:N (identification)  
Database extension up to 50,000 users for 1:1 or 1:N  
250,000 IDs in authorized user list  
1 million transaction logs
- › **Security**  
Secure booting and authenticity check  
Cryptographic technologies to secure sensitive data  
Data protection with AES-256 database encryption  
Network communication encryption with TLS 1.2/1.3  
Network authentication with 802.1X (available in 2025)  
OSDP secure channel  
Tamper switches
- › **Network/communication:**  
Ethernet, RS485
- › **Inputs/outputs:**  
Wiegand in and out, OSDP, door relay, three GPI (including door monitoring), three GPO
- › **Power supply:**  
12 to 24 V DC (2,5A min @12V)  
Power over ethernet with PoE+ switches
- › **Accessories:**  
Available on request
- › **Operating conditions:**  
Temperature: -10°C to 45°C (14°F to 113°F)  
Humidity: 10%>80% (noncondensing)
- › **Ingress protection:** IP65
- › **HxWxD:** 21 x 10.2 x 3.5cm 8.2" x 4" x 1.4"
- › **Weight:** 0.7kg
- › **EMC/Safety standards:** CE, UKCA, CB, FCC, BIS, ICASA, UL294, AUS-NZ, NTC, Anatel
- › **RoHS, REACH, California Proposition 65 and WEEE compliant**
- › **Environmental product declaration**  
available on request

## Fingerscan

- › **Fingerprint acquisition:**  
Optical technology, 14\*22mm, 500dpi, 256 gray levels, FBI PIV IQS image quality, Presentation Attack Detection included
- › **User database :**  
10,000 users, Available Database extension up to 50,000 users
- › **Matching speed**  
<1 second
- › **Secured Communication**  
with VisionPass SP (via USB)
- › **Power supply by VisionPass SP (via USB)**
- › **Operating conditions:**  
Temperature: -10°C to 50°C (14°F to 122°F)  
Humidity: 10%>90% (noncondensing)
- › **Ingress protection:** IP65
- › **Fingerscan HxWxD:**  
10 x 8.2 x 5.6cm 4" x 3.1" x 2.2"
- › **VisionPass SP with Fingerscan**  
HxWxD: 26 x 10.2 x 5.6cm 10.2" x 4" x 2.2"
- › **Fingerscan Weight:** 290 g
- › **EMC/Safety standards:**  
CE, UKCA, CB, FCC, UL, BIS
- › **RoHS, REACH, WEEE compliant**
- › **Made in India**

# Unlock the world

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