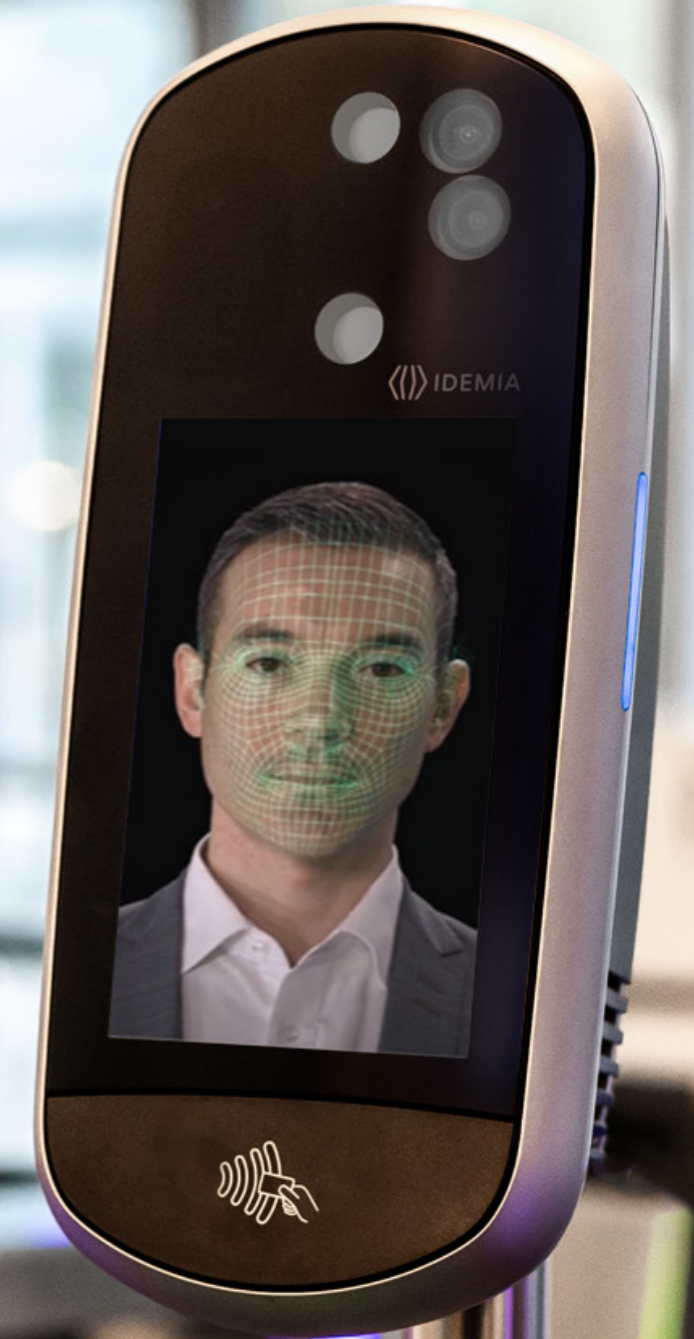




# VisionPass

The ultimate facial recognition  
access control device



# Key benefits

## 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.



- » **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



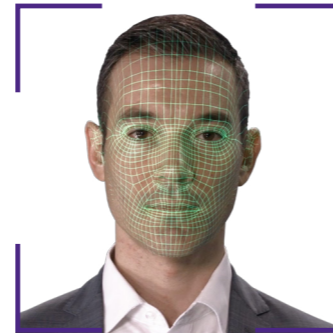
### InfraRed camera

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



## IDEMIA best facial algorithms



# NIST



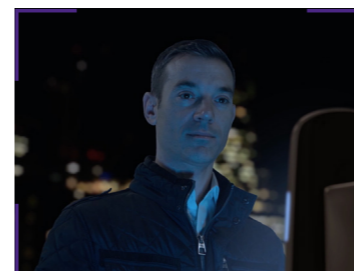
2021 Facial Recognition Vendor Test

## Fully handsfree near-motion verification, up to 40,000 users

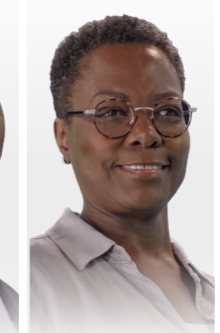
High throughput up to 30 users/minute



## Efficient in all light conditions



## Fully inclusive



Works efficiently with everyone

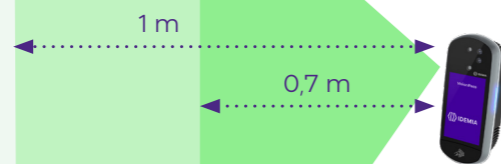
# Key features

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)

..... **Biometric area:**  
where guidance may be initiated

..... **Camera area:**  
field of view

**2**

## Horizontal angle

To cope with face angles or side arrival in front of the device



**3**

## Vertical angle

(120-200cm)

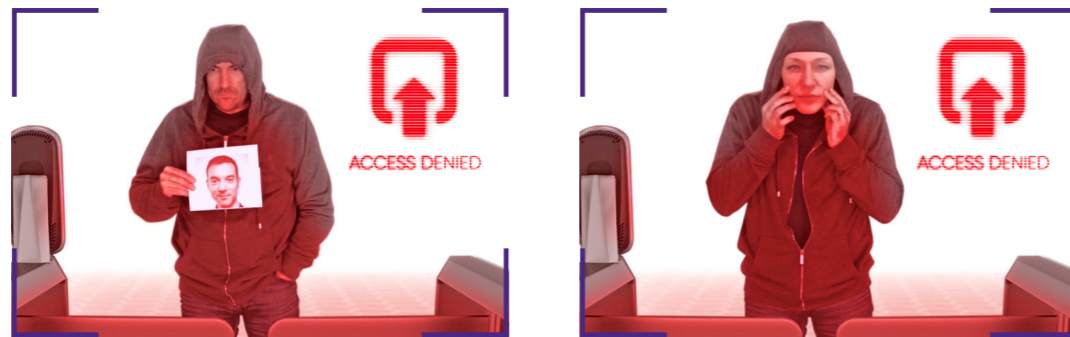
Enables detection of persons above or below standard height



# Key features

## The industry's most efficient antispoofing technology

Successfully defeats fraud attempts by photo presentation (printed, screen) or 3D molded masks



**IDEMIA**  
awarded **iBeta**  
**PAD\* levels 1 & 2**

\*Presentation Attack  
Detection



## Fully efficient with face masks

Successful facial recognition with masks  
and optional mask control



**IDEMIA**  
**Best True**  
**Identification**  
**Rate with and**  
**without masks**



# Key features

## Multi-factor authentication capability with built-in RFID & BLE readers

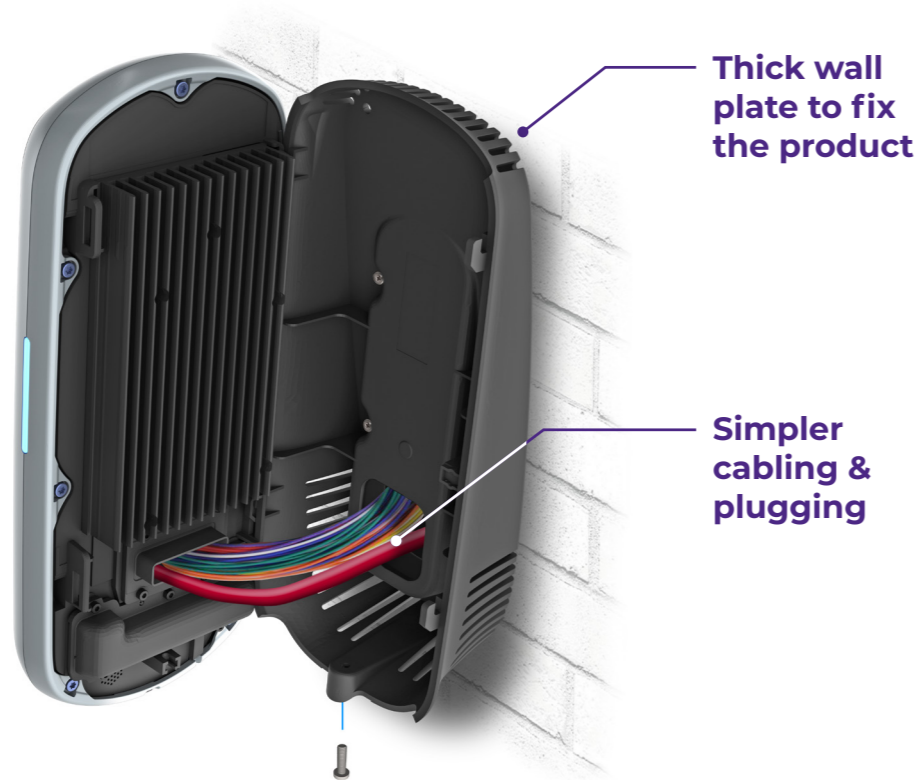
Reads contactless cards, mobile and QR codes credentials



- » 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



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 Natively supports PIN code
  - › **Tamper switches**
  - › **Internal storage capacity:** 20,000 user records extendable up to 40,000 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**

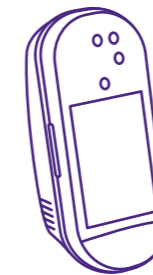
## References & ordering numbers

Marketing name	Regulatory model	Reference number	Contactless authentication factors			
			MIFARE®, DESFire® frequency 13.56 MHz	iClass legacy, SR, SE, SEOS frequency 13.56 MHz	HID Prox frequency 125 KHz	HID Mobile Access
VisionPass MD	MPH-AC006A	293744571	Yes	No	No	No
VisionPass MDPI	MPH-AC006B	293744604	Yes	Yes	Yes	No
VisionPass MDPI-M	MPH-AC006C	293767954	Yes	Yes	Yes	Yes



## Online resources

### Product page



### Product video



### Biometric Devices portal



### LinkedIn group

