

VISIONPASS SP

1



VISIONPASS SP

Advanced facial recognition access control device



#1 Biometric technology

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



Easy Deployment

- > Compact for any door installation
- > Embedded RFID reader
- > Integrated in all PACS systems with seamless integration with MorphoManager
- > Power supply by PoE+



Eco-friendly

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

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Best-in-class performances | Facial Algorithms



- › **AI powered hardware platform with NPU (Neural Processing Unit)**
- › **NIST Proven superiority in accuracy & fairness**
- › **Faster & Better results in difficult lighting conditions and face changing situations**
- › **Database : 10K users**



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Best-in-class performances | Optical Set



› 2 Cameras to acquire visible, infrared and 3D stereovision of user face



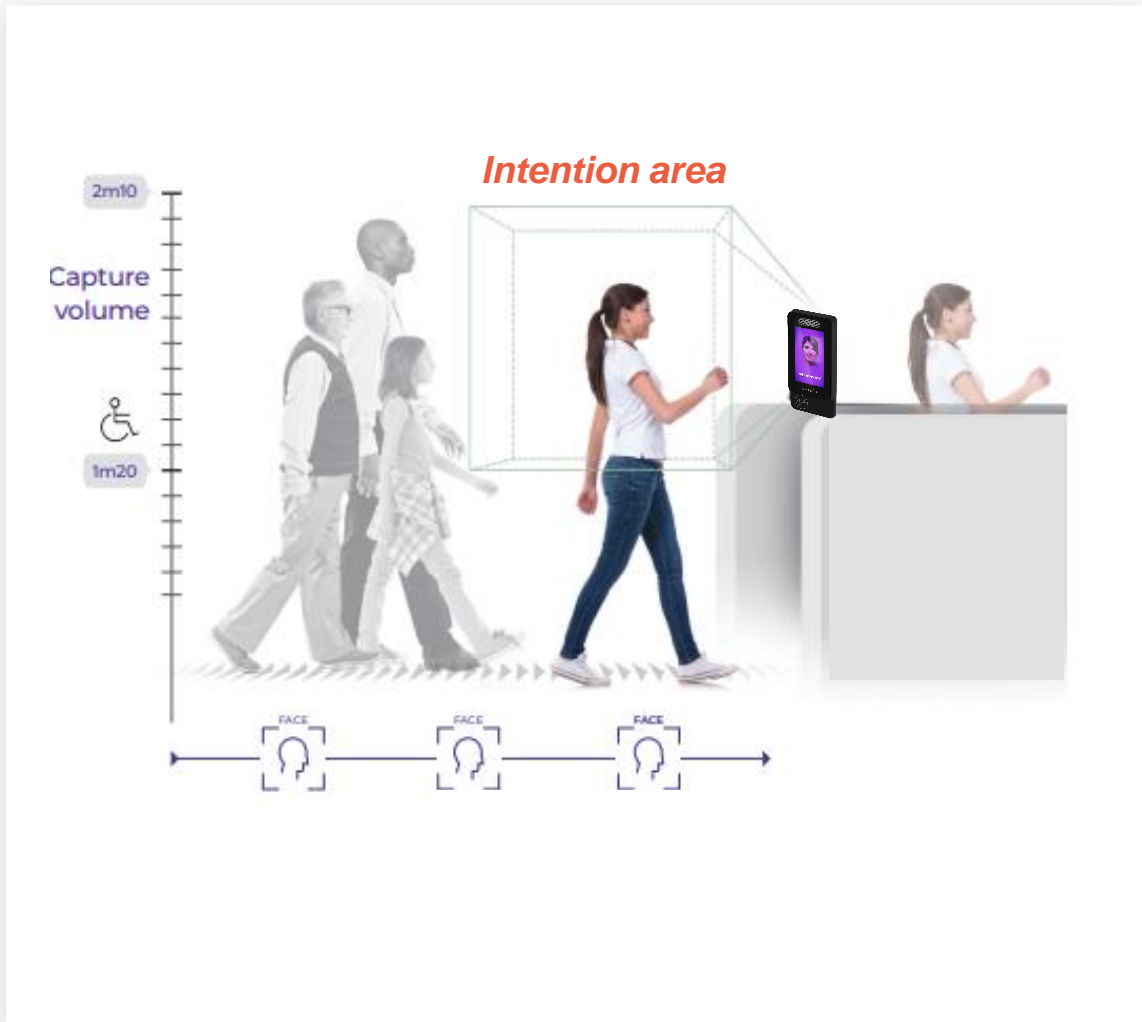
› Patent-pending optical set with combination of visible, infrared and 3D stereovision

- For precise user face acquisition & spoofing detection
- White led for fake detection in low light condition
- Infrared led



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Best-in-class performances | User eXperience



- › New look & feel for screens & button
- › Live video feedback
- › Adaptable intention area up to 1 meter
- › Free-flow user journey up to 30 users per minute
- › Better Guidance for more selective enrollment

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Best-in-class performances | Security & Privacy



› Presentation Attack Detection, Ibeta Level 1

› Top level Trusted Cybersecurity to protect sensitive data against cyber intrusions

- Secure development cycle and pen-tests
- Secure booting and authenticity checks
- Safe communications
 - 802.1.X network authentication, Enforced TLS, OSDP secure channel
- Tampering alarms

› Privacy

- GDPR compliant
- Face templates are securely stored in the device, including AES 256 encryption, or can be controlled by each user on their secure RFID card

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An adaptable reader to cover all your requirements



Embedded Card reader

- MIFARE / DESFire or HID iClass
- QR Code for visitor management



Management of

- User ID
- PIN code



Time & Attendance

- Touchscreen Clock, 16 function keys
- Access time slots and holiday scheduling
- Job Code management



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Best-in-class performances | Eco-Friendly



ECO DESIGN

DEEP-SLEEP MODE TO SAVE ENERGY
ULTRA-LOW POWER CONSUMPTION

- › Eco design to minimize carbon footprint
- › Green Design for smart buildings - save up to 75% power consumption
- › Automatic deep-sleep mode for ultra-low power consumption

MORPHOMANAGER

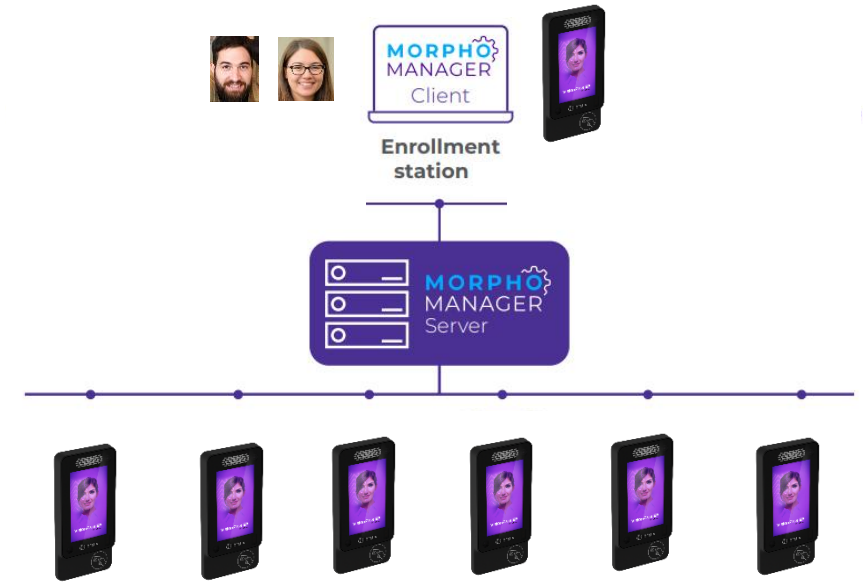
The cornerstone of the IDEMIA Access and Time ecosystem

› CASE #1 VisionPass SP ONLY

- Enrollment station: VisionPass SP
- Quick enrollment with 2D pictures for new users

› CASE #2 VisionPass and VisionPass SP

- Quick deployment for VisionPass existing site
 - Enrolled user can be identified on VisionPass SP without re-enrollment
- Enrollment station: VisionPass
 - MorphoManager maximizes biometric performances by distributing most adapted face template to readers.



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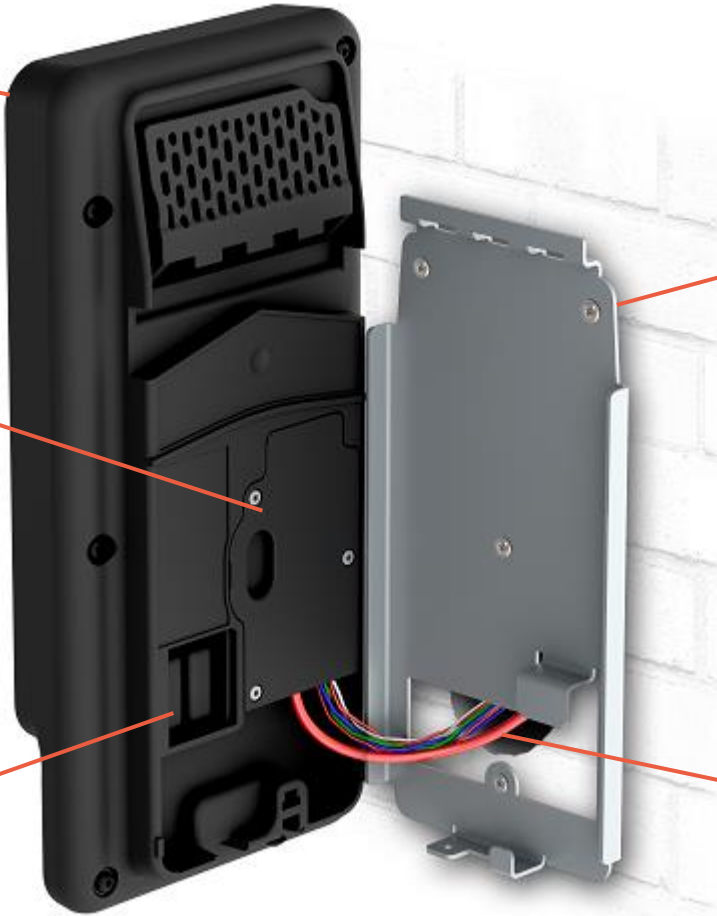
Easy Wall installation



IP65 / IK07 robust design

Cover Plate is protecting
RJ45 connector and
sockets for Wiegand,
relays, GPIO, DC power,
RS485.

Tamper Switches



Metal wall mounting plate with
locking screw

Power supply
12-24 VDC or PoE+

VISIONPASS SP

General technical information



ACCESSORIES



Pictures	PN	Name	Quantity per ref
	293806277	VisionPass SP wall mount	1
	293806285	VisionPass SP cabling and cover plate	1
	293806298	VisionPass SP Lower mounting bracket	1
	293806305	VisionPass SP Spacer	1
	293806318	VisionPass SP Visor	1
	293806256	VisionPass SP Metal mount	1

