SMA-VP-SP-MD

Idemia VisionPass SP MD 3D Facial Recognition reader Bio/Card/PIN/BioPIN with MIFARE/DESFire. Requires MorphoManager software and OAAP integration. Requires 12-24

VisionPass SP

VisionPass SP is the latest addition to IDEMIA's biometric access control family and 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.

Integration

Following COVID-19, facial recognition has become of increase interest and through the LenelS2 OAAP program, VisionPass is integrated with OnGuard to enable contactless access control.

Unique performances

VisionPass SP has a Patented optical set with visible, infrared and 3D face acquisition.

True security

VisionPass SP has a fast, accurate and fair matching results with top-tier NIST FRVT evaluations and its Superior 3D fraud detection capability is certified by an independent testing body.

Easy deployment

VisionPass SP can be deployed at any location: indoor (wall or gate-mounted) or outdoor (IP65 rated). The device reuses many of the technology bricks used in other devices such as MorphoWaveTM Compact, thus simplifying its integration among a fleet of devices.

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 and 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.



Details

- Stylish, functional design
- 5" WVGA color capacitive touchscreen
- Frictionless biometric access solution
- Timed anti-pass back function
- Banned/authorized user lists
- Standalone integration or in line with turnstiles
- Mitigates hygiene concerns
- Robust against external light and dust
- 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
- Fully handsfree: no need to interact with the device
- Irreversible face template, cannot be turned back into the original image
- QR code reading
- No local storage of users' images at any time, only abstract structure of the face template (sequences of ones and zeros)
- Embedded anti-spoofing capability certified by an independent testing body
- Adjustable capture area to confirm the intention of users who are trying to gain access
- Ingenious, symmetrical opening mechanism enables easy wall-mounting and in-place maintenance
- High performance
- Embedded white additional LED for low light environment
- Wide angle detection for persons of all sizes (1.20-2.00m) and side approach
- Saves up to 75% power consumption in deep-sleep mode

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Technical specifications

System

Reading distance	Intention area 0.3 to 1.0 m (adjustable)
Max. reader distance to panel	Ethernet: 100 m, RS485: 1219 m
CSN (Card Serial Number)	Yes
Custom data model	Yes
Language installation manual	English

Technology

Reader type	BioMetric
Reader operating-transmitting frequency	13.56 MHz
Supported technology 13.56 MHz	MIFARE Classic (CSN), MIFARE DESFire (CSN), MIFARE DESFire EV1 (CSN), MIFARE DESFire EV1 (custom data), Mifare DESFire EV2 (CSN), MIFARE DESFire EV3 (CSN)
Illumination	White and infrared LEDs
Face acquisition	2 x 2 MP visible/IR, 3D stereovision

Biometric

Biometric type	Facial Recognition
Biometric sensor type	Optical
Biometric template storage size	10.000 not upgradable

Interface & connections

Interface	Ethernet, OSDP V2, OSDP V2 Secure Channel, RS-485, Wiegand
Connector type	Network, Terminal Strip

Tamper type

Opening tamper	Yes

Operation

Stand-alone	Yes
Stand-alone no. of users	10,000
PIN keypad	Yes
Reporting	MorphoManager

Support

Language installation manual	English

Electrical

Power supply type	VDC
Power supply value	12 to 24 VDC Power over Ethernet
Current consumption	2.5 A min. @ 12 VDC

Physical

Physical dimensions	210 x 102 x 35 mm
Net weight	800 g
Colour	Silver
Material	Polycarbonate
Mounting type	Desk mount, Surface mount, VESA mounting bracket, Wall mount
Mounting type	VESA mount bracket (Video Electronics Standards Association)
Communication	Ethernet and RS485
Inputs/outputs	Wiegand in and out, OSDP, door relay, three GPI (including door monitoring), three GPO
CPU	Multi-Core 1.8GHz + NPU
Touchscreen	5” WVGA color capacitive touchscreen
Sound	Buzzer

Environmental

Vandal proof	No
Environment	Indoor, Outdoor
Storage temperature	-10 to +45°C
Relative humidity	10 to 80% noncondensing
IP rating	IP65 Recommendation for outdoor installation: avoid direct exposure of sensor to rain (e.g., place under a canopy)
Drop specification	IK07

Regulatory

Compliancy	CE, FCC, FCC Part 15 Class A, REACH, RoHS, WEEE

How to order

SMA-VP-MDPI	Idemia VisionPass MDPI Facial Recognition reader Bio/Card/PIN/BioPIN (20K users and 40K with license) with Mifare/DESFire/Prox/HID iCLASS/iCLASS SEOS. Requires MorphoManager software and OAAP integration. Requires 12 VDC @ 3 A power supply (no PoE), 2 years warranty
SMA-VP-DB-40K	Idemia VisionPass database upgrade to 40K for MD/MDPI Facial Recognition reader - To upgrade database size to 40K users (vs 20K without license) - S/N or License ID of the target terminal is needed together with the order for License generation

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Idemia VisionPass SP MD 3D Facial Recognition reader Bio/Card/PIN/BioPIN with MIFARE/DESFire. Requires MorphoManager software and OAAP integration. Requires 12-24

Compatible products

Category	Reference	Description
Reader	SMA-VP-MDPI	Idemia VisionPass MDPI Facial Recognition reader Bio/Card/PIN/BioPIN (20K users and 40K with license) with Mifare/DESFire/Prox/HID iCLASS/iCLASS SEOS. Requires MorphoManager software and OAAP integration. Requires 12 VDC @ 3 A power supply (no PoE)
Reader	SMA-VP-SP-MDI	Idemia VisionPass SP MDI 3D Facial Recognition reader Bio/Card/PIN/BioPIN with HID iCLASS/iCLASS SEOS. Requires MorphoManager software and OAAP integration. Requires 12-24 VDC @ 3 A power supply or PoE+, 36 months warranty

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