# 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**

## 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 | HID iClass, iCLASS (CSN), iCLASS SEOS |
| 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<br>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<br>Power over Ethernet |
| Current consumption | 2.5 A min. @ 12 VDC |

### Physical

| | |
|---|---|
| Physical dimensions | 210 x 102x 35mm |
| Net weight | 800 gr |
| Colour | Silver |
| Material | Polycarbonate |
| Form factor | Oversized |
| 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<br>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-SP-MDI | Idemia VisionPass SP MDI 3D Facial Recognition reader Bio/Card/PIN/BioPIN (10K users standard and not upgradable) with HID iCLASS/iCLASS SEOS. Requires MorphoManager software and OAAP integration. Requires 12-24 VDC @ 3 A power supply or PoE+, 36 months warranty |
| SMA-VP-SP-MD | Idemia VisionPass SP MD 3D Facial Recognition reader Bio/Card/PIN/BioPIN (10K users standard and not upgradable) with MIFARE/DESFire. Requires MorphoManager software and OAAP integration. Requires 12-24 VDC @ 3 A power supply or PoE+, 36 months warranty |

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## Idemia VisionPass SP MDI 3D Facial Recognition reader Bio/Card/PIN/BioPIN with HID iCLASS/iCLASS SEOS. Requires MorphoManager software and OAAP integration. Requires

### 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-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 VDC @ 3 A power supply or PoE+, 36 months warranty |

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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