

ASSA Pando™ Secure

ASSA[®]
ASSA ABLOY

Generic reader with keypad

ASSA ABLOY, the global leader
in door opening solutions



ASSA Pando™ Secure is a generic proximity reader that belongs to ASSA's new generation of readers.

It features a timeless, ergonomic design with interchangeable covers that allow different color choices. The readers are supplied with a black shell in the base model and it's possible to order eight different colors of the shell. The readers are suitable for both indoor and outdoor use.

Pando Secure supports multiple card technologies, providing an optimal opportunity for a custom security solution for your access control system. Moreover, two simultaneous card technologies can be managed, which allows gradual migration from, for example, MIFARE Classic to MIFARE DESFire EV1, without needing double access cards.

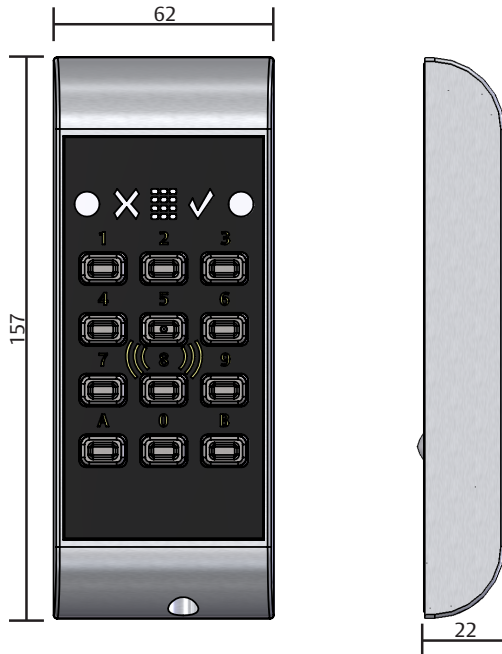
For easy operation, the reader features strategically located lit symbols for communication with the user, a green and red indicator for alarm status, an indicator for valid and invalid card, and a PIN code indicator. The keypad is backlit and the keys are durable stainless steel.

Pando Secure is a future-proof generic reader that can handle 13.56 MHz technologies: MIFARE Classic, MIFARE Plus (level 1 and 3), MIFARE DESFire EV1, iCLASS, and SEOS. The reader also has support for the future upgrade to the upcoming 13.56 MHz technologies.

Pando Secure supports Hi-O™ and CL20 communication with door controller. With Hi-O™, each device (reader, lock, etc.) offers intelligent monitoring of operations in real time. The reader can be connected to ASSA's ARX or RX WEB access control systems.

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Material

- ABS
- Halon/Halogen free
- Cast bottom plate
- Meets IP54 requirements

Other

- With built-in anti-sabotage switches for perimeter and wall
- Fast readout
- Illuminated keypad (optional if keypad illumination is to be constantly active, or follow the code/PIN symbol)
- Reading distance 30–40 mm with ASSA-recommended cards and tags, as described below

Part number

- ASSA Pando Secure, black, S559 685 084

Accessories and part number

- ASSA Pando Secure shell, black S559 685 184
- ASSA Pando Secure shell, silver S559 685 186
- ASSA Pando Secure shell, white S559 685 185
- ASSA Pando Secure shell, Blue S559 685 190
- ASSA Pando Secure shell, Green S559 685 191
- ASSA Pando Secure shell, Yellow S559 685 192
- ASSA Pando Secure shell, Red S559 685 193
- ASSA Pando Secure shell, Orange S559 685 194
- ASSA Pando Secure shell, Purple S559 685 195
- ASSA-recommended cards and tags:
 - MIFARE proximity card 1K with sector programming
Part number: S556 592 001
 - MIFARE proximity card 1K and EM 4200 with sector programming
Part number: S556 594 001
 - MIFARE bakelite tag 1K with sector programming
Part number: S556 595 001
 - MIFARE tag 1K and EM4200 combi-tag with sector programming
Part number: S556 598 001
 - MIFARE DESFire EV1 proximity card 2K
Part number: S555 912 001

Indicators

- Valid card/tag and unlocked (selection via DIP, also sound indicator)
- Door code
- PIN code
- Alarm status indicators
- Invalid card/tag (selection via DIP, also sound indicator)
- Key beep, keypad sounds (selection via DIP)

Data

- Power supply: 12–24V DC
- Power consumption measured at 24V:
 - MIN 50mA without backlight and no door code or alarm status indicator
 - MAX 85mA with backlight constantly on, active door code and constant alarm status display
- Weight: 0.27 kg
- Temperature range: -25°C to +70°C
- Reading technology: Generic 13.56MHz (MIFARE Classic, MIFARE Plus (levels 1 and 3), MIFARE DESFire EV1, iCLASS, and SEOS).
- Communication: Hi-O or CL20
- Compatible with: DAC400 and DAC500series as well as LCU9016, LCU9017 and LCU9101
- OS: FreeRTOS (www.freertos.org)

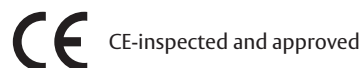
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

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