



PASSCHIP®

This state of the art access control chip reader is specially designed for advanced ID Banking filtering processes to self service areas or high security spaces. Our filtering algorithms may let access to programmable groups of users as decided by system's administrator. May be configured free access for any owner of a card bank issued by any card bank manufacturer or for special bank card clubs or even for dedicated groups depending of the characteristics of the owned bank card.

This product is mainly dedicated to banks and financial institutions, with possibilities of usage in law enforcement agencies, telecom providers and other organizations for a secure and efficient access in sensitive areas using advanced contact chip reader technology.

It can be connected to any access control platform using the most commonly used data formats like RS232, Clock and Data or Wiegand with up to 64 bits of data.

It is standard delivered with a solid TCP/IP interface for fast and continuous communication with the centralized security center in order to be online updated by system's administrator.

SACD 100 is specially designed for outdoor installation in most severe environment conditions, being the most suitable solution for installing anywhere in the world with minimum maintenance costs. It is built in vandal proof concept, with a very strong stainless steel case with opening tamper and a specially protected LCD screen.

Functions

Banking automation filter against unauthorized access in the self-service zones or any other protected areas

Advanced design for integration in any classical or modern façade

Available optional slim-line installing pillar

Compact dimensions with tamper-proof solid stainless steel case-brush finishing or painted

Full color or monochrome LCD screen

Ready for virtually displaying any text language, pictograms and animation depending of the software customization

Visual and acoustic signals for interfacing with the user

Centralized network upgradable while running using an user friendly interface

Antiskimming and coin proof construction with mechanical shutter

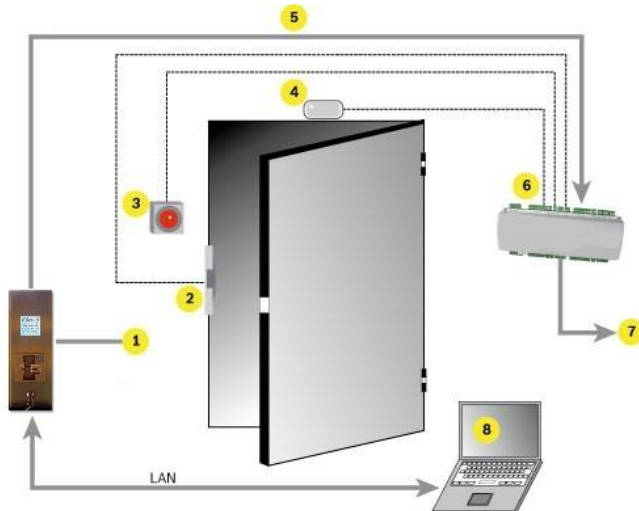
Benefits

- Protection of customers during self-service procedures
- Protection of ATMs and banking assets against unauthorized usage
- Extremely reliable product with an excellent ROI rate
- Proven long life service
- May be integrated in new or existing access control installations
- May be linked and integrated with CCTV, fire and intrusion detection through any integrated security platform
- Excellent substitute to human guard patrol service

THE WORLD'S FIRST BANK ID SMART ACCESS CHIP READER FOR SELF SERVICE AREAS

Installation

Configuration example of Smart Access Chip Reader SACD 100 with door module:



- 1 = SMART ACCESS CHIP READER SACD 100;
- 2 = Door lock;
- 3 = Exit button;
- 4 = Door magnetic sensor;
- 5 = Wiegand secured communication;
- 6 = Door module;
- 7 = Main access control system;
- 8 = PC with parameterization software via Ethernet

Ordering Information

- SACD 100/1: Outdoor stainless steel case Monochrome LCD
- SACD 100/2: Outdoor stainless steel case Color LCD
- SACD 100/3: Outdoor ss painted case Monochrome LCD
- SACD 100/4: Outdoor ss painted case Color LCD
- SACD 100/10: Outdoor flush mount Kit Monochrome
- SACD 100/20: Outdoor flush mount Kit Color
- SACD 200: Stainless Steel mounting column for SACD100/1,2,3,4 (Size W150 x H1300 x D150 mm)
- SACD 300: Stainless Steel painted mounting column for SACD100/1,2,3,4 (Size W150 x H1300 x D150 mm)
- SACD 400/11: Outdoor CHIP Reader with miniature stainless steel case, without LCD panel(just multicolour LED and buzzer for interaction with the user)
- SACD 400/10: Outdoor CHIP Reader in flush mount kit, without LCD panel(just multicolour LED and buzzer for interaction with the user), without case

Note: RAL colors to be discussed

Technical Specifications

Communication	Ethernet 100 Base-TX/10Base-T RS232 up to 115200 Bit/sec Clock and Data Wiegand up to 64 bit
Memory	Internal DRAM 512 MB, record of min 50 configurable ID banking cards profiles according EMV or non EMV standard, SD slot available 1xMMC Real time clock with back-up Li-Ion maintenance free battery
Reference Standards	ISO 7816 with T=0 and T=1, EMVCo Level 1, ISO 7810, ISO 7811, JIS X6301, JIS X6302I
Processor	32-bit, 700 MHz
Operating System	Linux OS
Software Upgrade	On line, during functioning
Power Supply	85-264 VAC, 45-65 Hz, Cold Start,
Power Consumption	Max. 11 W
History Log capacity	5MB, aprox.10 000 events with time stamp
Lifecycle	Min 125 000 functioning hours Min 500 000 insertion cycles
Insertion Speed	8-127 cm/sec
Construction	Stainless Steel or painted case, Antiskimming, metal bezel, antivandal, UV filter for LCD screen
Display	3,5" TFT LCD resistive touch dimmable by software Resolution 320x240 pixels Contrast ratio 300:1, Brightness min 300cd/sqm Color QVGA 65 000 colors or Monochrome 32 greyscale
Agency Approvals and Standards	CE Conformity
Ambient conditions	Operating Temp:-30 C +50 C Storage Temp:-35 C +60 C Humidity: 10-95%
Sound and interface	Multi-color LED and multi-tone buzzer
Size (W x H x D)	150 x 350 x 150 mm
Weight	5.90 Kg
Protection Class	IP65
Interaction with the user	Virtually any available known written language and multitone internal buzzer
Black list	YES, online programmable for maximum 1 000 card profiles
NFC	OPTIONAL