

PRODUCT

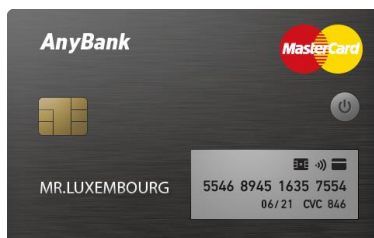
DOT MATRIX & SEGMENTED CARDS

Dot matrix screen hides all the cardholder information.

Segmented screen hides the last 4 digits and CVC.

Activation of the cards works with a mobile application on a smartphone.

DOT MATRIX



SEGMENTED



APS BEATS COMPETITION. HOW?

- BATTERY** Battery life is 5 years without recharging, which is the highest capacity among smartcards in the market worldwide.
- PRICE** APS cards are by far the most economical among display cards.
- SECURITY** We consider all aspects of design, application and hardware.
- R&D** Line of new products with new features and new technology.

CORE SPECIFICATIONS

Parameters	Description
Type	Plastic Card
Payment	NFC, EMV
Standard	EMV
Encryption	(OTP algorithms makes hacking impossible) AES128 bytes (app-server//app-card)
Battery	Rechargeable or non-rechargeable
Authentication	With mobile app on a smartphone
Pairing with card and phone	Algorithms in the app and in the card
Display	Card number, CVV/CVC, Expiry date, message, QR code and more
Parts positioning	Switch and logo design are flexible
Operating voltage	3.8 - 5.0 V
Bluetooth version	Bluetooth 4.2 low energy
Operating frequency	2400-2483 MHz
TX Power	0 dBm
RX sensibility	-90 dBm (1Mbps)
Bank IC	ISO7816 ISO 14443 (13.56 MHz)
EPD	Dot matrix (Graphic) EPD or Segmented EPD
Air Data rate	Up to 1 Mbps
Wireless Communication range	Up to 30 m