ACCESS & IDENTIFICATION

Smart Card

A NFC card built for tap-to-phone and reader-based member, access, and identification programs.



APPLICATIONS

Designed for membership, loyalty, hotel and amenity access, campus and employee ID, gym and club credentials, closed-loop payment, library patron cards, and resort programs. The CR80 format fits conventional wallets, card holders, and compatible card-handling systems while carrying printed member, access, payment, or identification information.

INDUSTRIES

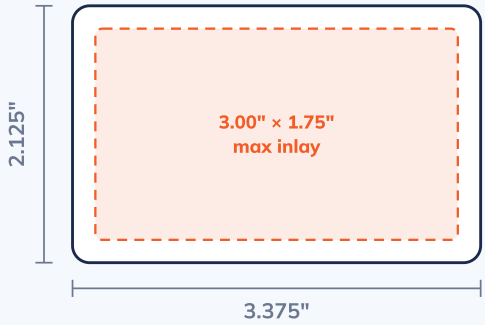
- ✓ Hospitality & Leisure
- ✓ Libraries & Documents
- ✓ Education & Campus
- ✓ Retail
- ✓ Healthcare & Lab
- ✓ Vehicle & Parking

CARD SIZE	MAX INLAY AREA	THICKNESS	MINIMUM ORDER
3.375" × 2.125"	**3.00" × 1.75"**	**40–46 mil**	**500 pieces**
85.73 × 53.98 mm	76.20 × 44.45 mm	1.01–1.16 mm · edge to middle	Singulated

FORM FACTOR & INLAY PLACEMENT

Any wet inlay that fits the max inlay area can be used.

— Card outline - - Max inlay area



ATTACHMENT

01
Carry the card in a wallet, pocket, card holder, or bag.

02
Present the card to a compatible phone or reader.

03
Tap to read the encoded NFC credential.

TECHNICAL SPECIFICATIONS

Product	Smart Card
SKU	VUL-SMART-CARD-SLIX2
Shape	CR80 card with no holes
Dimensions	3.375" × 2.125" (85.73 × 53.98 mm)
Inlay max dimensions	3.00" × 1.75" (76.20 × 44.45 mm)
Thickness	40 mil edge to 46 mil middle (1.01–1.16 mm)
Label format	Available as a label

MATERIALS & CONSTRUCTION

	MATERIAL	LAYER
1	**PET**	Face
2	**Teslin®**	Substrate
3	**RFID inlay**	Inlay
4	**Teslin®**	Substrate
5	**PET**	Back

Construction	PET · Teslin® · Inlay · Teslin® · PET
Face material	10 mil PET, 2-sided
Finish	Gloss or matte
Adhesive type	None
Pieces per box	125

RFID INLAYS STOCKED IN-HOUSE FOR THIS PRODUCT

Any wet inlays that fit the max inlay space can be used with this product. We stock other inlays that are available on request. **Over 20 inlay options available.**

USE CASE	INLAY	CHIP	MEMORY
NFC Phone / tap	**Tageos EOS 932**	SLIX 2	2,560 bits
HF Short range	**Tageos EOS 932**	SLIX 2	2,560 bits
UHF Long range	**AD-321r6-p**	Monza R6-P	128 bits

SERVICE BUREAU

01 Print method

CMYK digital color printing; front and back artwork with variable data.

02 Encoding

Customer-supplied or serialized generated data. Supports EPC values, asset identifiers, and chip-specific supported data structures.

03 Verification

Printed data and encoded data are independently verified to match after encoding.

ORDERING

Packaging	Singulated
MOQ	500 pieces

EXTEND WITH R&D

Need a size or construction you don't see here?
We'll craft a custom tag with you.