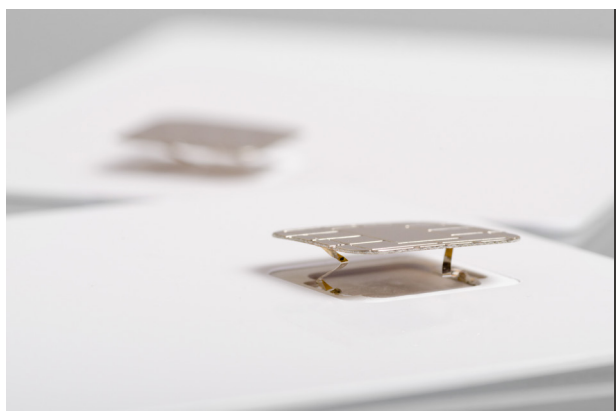


WHITE DUAL INTERFACE CARD

Semi-Finished Card for High-Security Logical and Physical Access



LINXENS's WHITE DUAL INTERFACE CARD features Dual Interface Technology, which enables the card to be used with both contact and contactless interfaces.

Optional low-frequency functionality can be included to ensure compatibility with legacy access control systems, as well as with the most secure of today's state-of-the-art access control systems.

Specified and driven by the US Government for logical/physical access control, LINXENS is now offering this proven technology for commercial access control.

The WHITE DUAL INTERFACE CARD is an extremely durable card solution. By combining our patented HERA® technology with 100% PVC or composite materials, the card offers an extraordinary lifespan of over 10 years.

Characterized by a high-quality surface, the card provides an excellent base for printing, e.g. with Direct-to-Card or Re-Transfer printers. The product is convenient to process with all common card printers and readers, which facilitates easy integration into customers' applications. Options such as slot punch marking, magnetic stripe, customized holograms and card personalization are available on request.

The card is optimized for applications in the access control area and complies with all common industry quality standards including ISO/IEC 7810 and ISO/IEC 10373-1.

Overview

Operating Frequency

125 kHz & 13.56 MHz

Operating Temperature

-35 to 60°C / -31 to 140 °F

Material

PVC and PET

Dimension

85.6 x 54 x 0.8 mm / 3.37 x 2.13 x 0.03 "

International Standards

- ISO 14443

Application Area

- Access Control

Options

- Magnetic stripe
- Slot punch marking
- Hologram
- Initialization & customized programming
- Module implanting service

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and Physical Access

Frequency	IC	Memory
125kHz / 13.56 MHz	Atmel ATA 5577 NXP SmartMX P5CD081 with JCOP v2.4.1 R3 MIFARE Classic 1K emulation	256 bit (LF) & 80 kB (HF)

Additional memory, protocol and product configurations are available upon request.
Other chip types are available upon request.
Other card materials upon request.

• **Module Implanting Service based on LINXENS's patented HERA® Technology.**

LINXENS's implanting service includes the fully automated module embedding and HERA® process. The HERA® Technology offers a soldered inter-metallic connection between antenna and module that enables a lifespan of 10+ years for the card. Independent laboratories have successfully tested this simulated lifetime for different DI-module and card material combinations.