

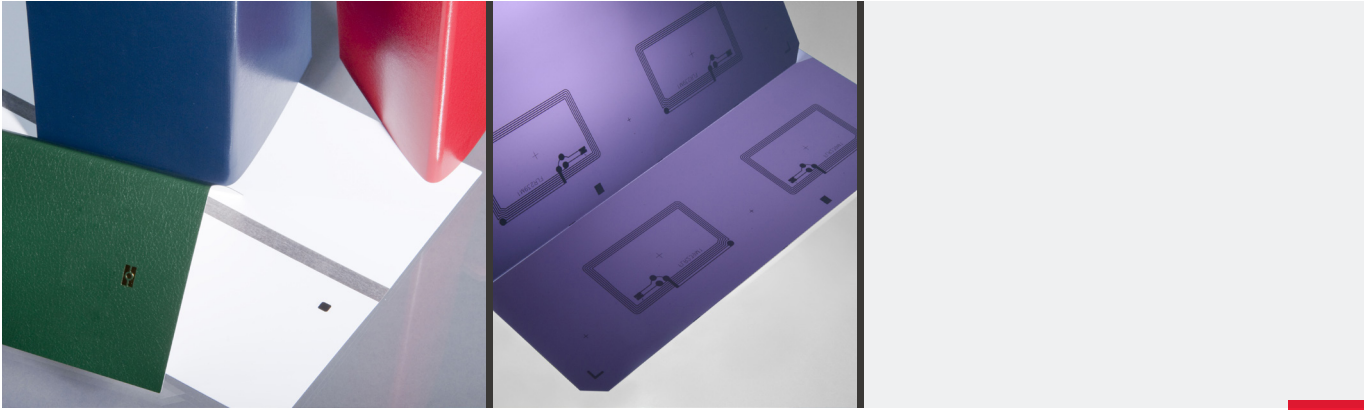


LINXENS

CONNECTING YOU TO SUCCESS

eCOVER (ELECTRONIC COVER)

Highest Security for Electronic Passport



Industry-leading electronic cover, LINXENS provides high-security RFID eCovers of outstanding quality to customers worldwide which helps improve secure identification and increase the effectiveness of border control processes. LINXENS guarantees reliable and flexible products that meet customers' stringent demands, and exceeds industry standards.

LINXENS eCover products are typically manufactured applying a number of the company's proprietary and patent protected technologies consisting of a wire-embedded antenna on a carrier substrate connected to a chip module. The laminated inlay is then smoothly incorporated into the back cover of the passport.

One of the most globally recognized LINXENS patents in this respect is DURASOFT®, a resilient material that enhances a document's reliability and durability significantly. LINXENS's DURASOFT® has been the material of choice in the e-passport industry for more than a decade. It continues to successfully be used in numerous worldwide e-passport projects.

Overview

Operating Frequency

13.56 MHz

Operating Temperature

-25°C to +50°C

Material

- Inlay Material: Durasoft® and Paper
- Cover Material: Textile and Paper

International Standards

- ISO 14443
- ICAO Compliant
- EAL 6

Application Area

- Secure ePassport

Options

- Customized sheet formats
- Initialization / Customized programming of data
- Flash loading
- Applet Loading
- UID capturing and manifesting
- Foil embossing

eCOVER (ELECTRONIC COVER)

Highest Security for Electronic Passport

Product	Dimensions	Thickness	Operating Temperature	Available IC
Mono Layer	Various	650 µm (minimum)	-25°C to +50°C	ICAO compliant IC's from NXP, Infineon, STMicro Electronics, Samsung
Dual Layer	Various	650 µm (minimum)	-25°C to +50°C	ICAO compliant IC's from NXP, Infineon, STMicro Electronics, Samsung

Additional memory, protocol and product configurations are available upon request.