



White Dual Frequency Card

Semi-finished card to embrace two frequencies

Linxens White Dual Frequency Card offers a combination of LF/HF or HF/UHF technologies in one card.

It allows card users to operate in different systems with one card credential seamlessly. Typical use cases are private gated communities and physical enterprise access or legacy access systems and high secure access systems.

The White Dual Frequency Card is a semi-finished, highquality product. Leveraging Linxens leading-edge technology and superior production processes, the White Dual Frequency Card offers extended lifespan, high electrical performance and mechanical durability.

Characterized by a high-quality surface, the card provides an excellent base for printing. 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 and programming are available on request.

The card is available in LF/HF and HF/UHF frequency combinations, and optimized for applications such as access control, hospitality, leisure and entertainment. The White Dual Frequency Card complies with industry quality standards including ISO/IEC 7810 and ISO/IEC 10373-1.

Available ICs	Memory
HF: NXP MIFARE Classic / MIFARE DESFire & UHF: Impinj Monza R6-P NXP UCODE	1kB - 8kB 128 bit EPC + up to 64 bit 128-bit EPC
LF: Atmel ATA5577 & HF: NXP MIFARE Classic / MIFARE DESFire	256 bit 1kB - 8kB

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

RFID

Overview

Operating Frequency

- 125 kHz / 13.56 MHz
- 13.56 MHz / 860-960 MHz

Operating Temperature

- -35 to 60°C / -31 to 140 °F

Material

- PVC
- Composite (PVC core between PET layers)

Dimension

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

International Standards

- ISO 14443
- ISO 18000-6

Application Area

- Access Control
- Hospitality, Leisure & Entertainment

Options

- Magnetic stripe
- Customized logo printing
- Initialization & customized programming
- Slot punch marking