HID Vento™ Card

A Simplified Approach to Security That You Can Trust

Vento Card

Introducing the HID Vento card, enabling secure access control deployment with the HID Vento reader.
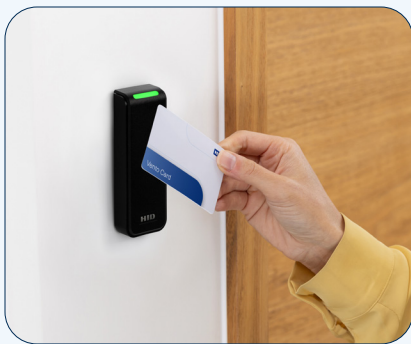
The HID Vento card offers an unbeatable combination of security, ease of installation and affordability. The HID Vento card is a simple, single application card, designed to be an economical solution for everyday implementations of secure physical access control.

Exclusively tailored for the Vento reader, the Vento card introduces a new era of simplicity, combining an HID managed secure format with streamlined functionality.

Convenient with just one part number required for ordering, Vento makes it easy to ensure effortless deployment.

Each card is fortified with a factory-issued 32-bit, non-repeating ID, safeguarded using AES128 encryption. The Vento card offers security with ease of use and ordering.
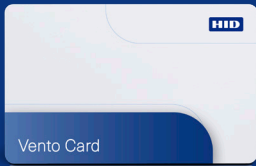
KEY BENEFITS:

- Convenient and cost-effective
- HID managed ID number — With a pre-programmed ID number, no need to understand complex format management
- Simplified order management — Single, simple part number, packaged in a 100-unit box
- Secure — AES128 based security, resistant to cloning
- Easy deployment — Tap and enroll users into the access control system using the pre-programmed 32-bit ID

Discover the future of access control with Vento — security made smarter, simpler and stronger.

HID VENTO

- Simple
- Secure
- Convenient

HID Vento Card

HID VENTO CARD FEATURES:

- Designed for the HID Vento reader
- High security
  - AES128 based encryption
- Managed 32-bit format
  - built-in secure, unique 32-bit ID number
- Not externally marked

	HID Vento Card
Part Number	100PGGNN (Box of 100)
Operating Frequency & Protocol	13.56MHz (Based on ISO15693)
Security	AES128 encrypted 32-bit ID number
Data Format[1]	Built-in secure 32-bit binary ID number
Read Range[2]	Up to 8 cm
Material	PVC
Weight	~20 oz (550g) (Box of 100)
Product Dimensions	2.127"x 3.375" x 0.033" max (5.40 x 8.57 x 0.084 cm)
Operating Temperature	31° F to 122° F (-35 °C to + 50 °C)
Storage Temperature	31° F to 122° F (-35 °C to + 50 °C)
Chemical Resistance	The card can withstand exposure to salt water (5%), salt mist, acetic acid water (5%), carbonated sodium water (5%), sugared water (10%) and ethylene glycol (50%) for at least 24 hours.
Warranty	5 years
Environmental Compliance	RoHS, China RoHS, REACH, Halogen-free
Standards	ISO/IEC 7810, ISO/IEC 7816-1

1. 32-bit ID number range is managed by HID; cards are issued with a non-repeating, unique 32-bit value. Standard HID formats are not supported. Ensure the controller is configured to read all 32-bits to avoid duplication. Numbers are not contiguous.

2. HID testing occurs in open air. Some environmental conditions, including metallic mounting surface, can significantly degrade read range and performance; plastic or ferrite spacers are recommended to improve performance on metallic mounting surfaces. Spacers for Vento readers are available at hidglobal.com.

hidglobal.com

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