

VANGUARD



I D S Y S T E M S

VIDS Quarterly

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RFID SOLUTIONS

With Vanguard ID Systems' newest Radio Frequency Identification ("RFID") product line, you can quickly transition from your bar coded or mag striped system to the latest in RFID technology. By combining our RFID product with either a mag stripe, bar code or in some cases both, we enable you to implement RFID at your pace without the cumbersome changes associated with retraining your personnel or the need for major new product rollouts.

Vanguard offers all versions of the RFID chip including those from Infineon, Inside-Technologies, Phillips and Texas Instruments. All products operate at the 13.56MHz frequency and are compliant with ISO 15693 and ISO 14443 standards, depending on the chip used. In addition to this, Vanguard offers unparalleled graphics capabilities ensuring you of the highest quality look and feel.

With more than 350 million key tag and cards delivered, Vanguard has proven capabilities to meet all of your customized RFID needs.

APPLICATIONS

- Retail
- Libraries
- Access Control
- Employee Security
- Loyalty Programs
- Product Protection
- Financial/Debit Transaction

FEATURES

- ISO 15693 / ISO 14443 Compliant
- Read Write / Read Only Options
- Bar Code OR Mag Stripe Add-ons
- 13.56 MHz Frequency
- Customized Graphics



RFID Product Specifications

Category	Card/Key Tag
Frequency	13.56 MHz
Memory Capacity ¹	2K
Data Rewrite ²	+/- 100,000 times
Data Retention ²	+/- 10 years
ISO 15693 ISO 14443	Yes
Bar code	Yes
Mag stripe	Available on most products
Factory Programmed	Yes
Anti-collision	Yes
Operating Temperature	-20°C - +70°C
Read Range ²	0 - 6 cm
Chip Technology	Infineon Inside Technologies Phillips Texas Instruments
Printable Graphics ³	Yes, both sides

¹ Based on chip technology chosen.

² Dependent on configuration of reader/antenna and rules governing RF emissions.

³ Customer must provide completed artwork.

Trade Shows

Nightclub & Bar Restaurant
Convention & Expo
Philadelphia, PA
July 30-31

NACS
Orlando, FL
October 5-8

FS Tec
Orlando, FL
October 27-30

HOW TO REACH US

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