

## ISG™ Door Access Control Readers



ISG Member dealers provide a wide variety of door access readers to meet virtually any need and budget. As credential technology choices expand, readers may need to be replaced. Our readers offer a scalable migration using industry standards and common access control system interfaces. Today, many customers are migrating from older and less secure Low Frequency Proximity technology to High Frequency Contactless Smart technology.

Credential use with single-factor authentication is, by far, the most common deployment. However, this does result in security concerns, such as a lost or stolen card that is not reported, or passing the credential to a different person.

Most organizations have certain areas that need to have a higher level of security. Adding a second-factor for authentication, such as keypad or biometric (finger print, iris, facial) is an easy way to add an additional layer of security. Keypad or biometric readers operate using the same industry standard wiring and interfaces. If a biometric template is used, we recommend it be stored on contactless smart (13.56 MHz) technology.

# ISG™ Door Access Control Readers



## Readers

The right reader for your organization is dependent on many factors. Your local ISG member dealer can provide fair, on-site consulting to determine your choices. Our readers come with a standard limited lifetime warranty.

There is a wide variety of reader types, sizes and colors. Some options available are mini-mullion, mullion, wireless, keypad, and biometric.

Wireless readers are becoming increasingly popular based on the ease of deployment. Wireless readers make it possible to update access control in campus dormitories and older buildings where running wire is not practical.

## CREDENTIALS

### Low Frequency (125 kHz)

Proximity is the most commonly used technology in North America.

### High Frequency (13.56 MHz)

Includes Mifare, DESFire EV1, PIV, ISO 15693, ISO 14443A/B, Near Field Communications (NFC) & Card Serial Number. This technology is more secure than the older Proximity technology.

### Multi-Technology

Combines multiple technologies (such as LF 125kHz and HF 13.56 MHz) into one reader. These are the most popular readers today, as they allow customers to migrate to HF 13.56 credentials over time. Some readers also include UHF technology to allow for both short and long distance applications.

### Ultra-High Frequency (UHF) RFID

Operating in the 902-928 MHz range in North America, UHF provides longer read ranges of up to approximately 50 feet. This technology is gaining in popularity where hands-free accessibility is critical.

### Magnetic Stripe

Older magnetic stripe technology is still used in some vertical markets.



## Identification Systems Group

— ISG™ is a nationwide network of local system integrators in identification, security, and card personalization, providing high quality, cost effective solutions backed by local support and the strength of our Professional Services Certification program. Each company works together to provide seamless nationwide support and collaboration in the identification and card issuance industry.

## Your Local ISG Dealer

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