# 2001CGGNN

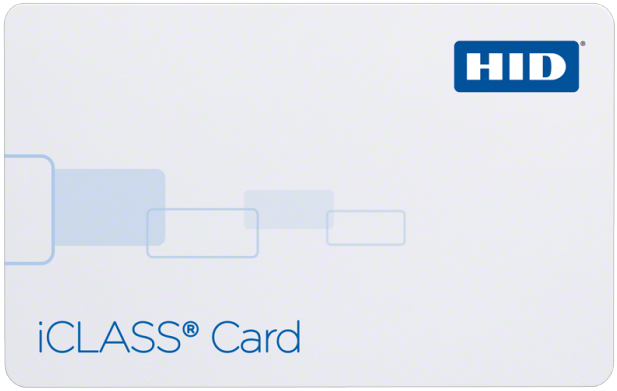
## iClass 16K/2, configured, F-Gloss, B-Gloss, no iClass #, no SLOT (MOQ = 100)

### Overview

iCLASS® smart card technology was specifically designed to make access control more powerful, more versatile, and more secure when compared with legacy 125 kHz frequency technologies. iCLASS 13.56 MHz read/write contactless smart card technology provides versatile interoperability in applications such as access control, network log-on security, cashless vending, time and attendance, event management and biometric identification.

iCLASS® smart card technology enables mutual authentication between smart card and reader, encrypted data transfer, and uses 64-bit diversified keys for read/write contactless smart card capabilities. However, these techniques alone are no longer sufficient to protect card data from modern hacking techniques.

The iCLASS® smart card meets ISO standard for card size and thickness for use with direct image and thermal transfer printers. It features a graphics quality surface optimized for Photo ID printing, and is available in standard PVC construction, or a composite polyester/PVC construction for more demanding high wear and tear environments. The smart card can be produced with visual security and anti-counterfeiting features such as holograms, ultra-violet fluorescent inks, micro-printing, or a custom logo to quickly and easily identify genuine smart cards.




### Details

- 13.56 MHz read/write contactless smart card technology
- High-speed
- Reliable communication
- Meets ISO standards
- For use with direct image and thermal transfer printers
- Anti-counterfeiting features
- Available in 2k bit (256 byte), 16k bit (2K Byte) or 32k bit (4K Byte) memory configurations
- Supports all existing HID card formats, including Corporate 1000
- Supports field programming of any existing HID format into the HID access control application area on the card

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## Technical specifications

### System

| | |
|---|---|
| Reading distance | 5 to 10 cm |
| Memory size | 16 kB |
| Card slot punch | No |

### Technology

| | |
|---|---|
| Credential type | Smart card |
| Credential operating frequency | 13.56 MHz |
| Support technology 13,56 MHz | iCLASS (CSN), iCLASS (custom data) |

### Printing

| | |
|---|---|
| Direct surface printing | Yes |
| Thermal transfer printing | Yes |

### Ordering information

| | |
|---|---|
| Minimum order quantity | 100 |
| Cards/tags in package | 100 |
| Special card order form required | No |

### Physical

| | |
|---|---|
| Surface cover | Glossy |
| Material | PVC |
| Form factor | CR80 (Credit) |
| Physical dimensions | 54 x 86 x 1 mm |
| Net weight | 5 g |
| Shipping weight | 13 g |
| Colour | White |

### Environmental

| | |
|---|---|
| Operating temperature | -40 to 70°C |
| Storage temperature | -40 to 70°C |
| Relative humidity | 5 to 95% noncondensing |

### Regulatory

| | |
|---|---|
| Compliancy | RoHS |

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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