

PROCESS

NX® Network on Card



Smart Credentials

Overview

Credentials are the heart of security, protecting Proccess systems. Credential security is typically the most vulnerable point of an access system. Over 80% of existing access systems still deploy outdated credentials that are easily hacked by equipment that can be purchased by anyone online. Locking system keys are even more vulnerable. Proccess systems utilize the most advanced and flexible credential technology in the industry, DESFire EV2, and add six layers of protection, encryption and mutual authentication, providing the most secure credentials in the industry.

Features

- Credential Memory: 16k bit or 64k bit
- Open architecture DESFire EV2 technology allows multiple and flexible applications on one card.
- Six layers of card security provides the most advanced encryption protection vs hacking.
- Composite material supplied standard on all cards, providing added protection to heat damage in both the card printing process and normal use.
- Limited Lifetime Warranty protection against manufacturer defects.

Additional Options

- 16k bit or 64k bit
- Magnetic Stripe (MS)
- Hole Punch (HP)
- Custom artwork available on request (CA)

| | Model number | Card Technology/ Frequency | Dimensions (L x W x T) | Memory capacity | Operating temperature | Slot punch |
|---|--|-------------------------------|--------------------------------|-----------------|-----------------------|------------------------|
| ISO card | | | | | | |
|  | NX-2K-ISO | 13.56 MHz/ DESFireEV2 | 3.37 x 2.125 x 0.031 inches | 2K byte/16k bit | -22 to 158°F | Vertical or horizontal |
| | NX-4K-ISO | 13.56 MHz/ DESFireEV2 | 3.37 x 2.125 x 0.031 inches | 4K byte/32k bit | -22 to 158°F | Vertical or horizontal |
| | NX-8K-ISO | 13.56 MHz/ DESFireEV2 | 3.37 x 2.125 x 0.031 inches | 8K byte/64k bit | -22 to 158°F | Vertical or horizontal |
| Keyfob | | | | | | |
|  | NX-4K-FOB | 13.56 MHz/ DESFireEV2 | 1.57 x 1.22 x 0.20 inches | 4K byte/32k bit | -13 to 131°F | Keyring |
| Round Sticker | | | | | | |
|  | NX-4K-STKR- ROUND | 13.56 MHz/ DESFireEV2 | 1.38 x .043 inches | 4K byte/32k bit | -13 to 131°F | N/A |
| Portrait Sticker | | | | | | |
|  | NX-4K-STKR- PORTRAIT | 13.56 MHz/ DESFireEV2 | 3.37 x 2.125 x 0.038 inches | 4K byte/32k bit | -13 to 131°F | Vertical or horizontal |
| Mobile Credential | | | | | | |
|  | | | N/A | | | N/A |
|  | Other Credential Form Factors Available Upon Request (wristbands, etc) | | | | | |