

Contactless Access Control Reader



NR-CRD Series Smart Card Readers



NITRO NR-CRD series reader is the latest contactless smart card reader in the market for access control, time and attendance applications.

NR-CRD readers support EM ID, ISO 14443 Type A (Mifare) & Type B, ISO 15693 and Sony Felica card input formats. The output formats of readers can be selected as Wiegand or RS485 with PIN options.

The Smart Card Readers provide system compatibility to the most of the branded Access Control panels and to any Access Control Panels following industrial standards in design. With its 13.56MHz operating frequency, readers provide fast speed and reliable communications for high efficiency and security operations.

With our advanced technology, NITRO Group designs the high security sector reader which can be programmed to read particular sector of the access card, and such pre-programmed card would be password protected by the user. This password can be determined by system installer and the end user.

Compact size, assemble mounting design, weather-proof and high durability are the other advantages of NR-CRD readers. The product is designed to have a removable mounting bracket and an extra protective cover. NR-CRD reader is also completely sealed to prevent water from sipping through. It is simple and minimum hardware maintenance required.

PRODUCT FEATURES

- 13.56MHz (Multi-protocol) / 125KHz (EM ID)
- Consistent Read Range :
 - up to 5cm (Multi-protocol)
 - up to 8cm (EM ID)
- Built-in Buzzer with Beep Control
- Bi-Colour LED Operation Indication
- Keypad with Backlight
- Multiple Wiegand Output Options (26/ 32/ 34/ 66 bits)
- High Security Pre-programmed Sector Reading with Password Protected Features
- 8 - 16 Vdc Operation Voltage
- Low Power Consumption
- Black/ White/ Grey / Blue Colour Options
- Support up to 150m Wiring Distance
- Weather Resistance
- Quality Control Passed at 50°C High Temperature Aging Testing

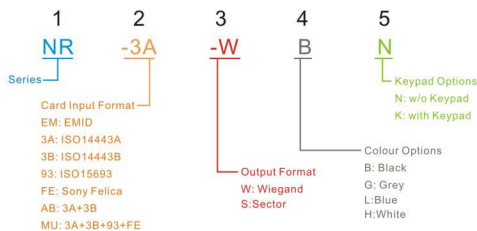


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SPECIFICATIONS

Model	NR-EM	NR-3A/ 3B/ FE/ 93/ AB/ MU
Operation Frequency	125KHz	13.56MHz
Max. Read Range	8cm	5cm
Card Input Support	EM ID	ISO14443 Type A (Mifare) & Type B, ISO15693 and Sony Felica
Output Format	Wiegand (24bit/26bit)	Wiegand (32bit/34bit/64bit/66bit)
Keypad Signal Output	Standard 4-bit Wiegand Output	
No. of LED Status	Bi-Colour LED Indication	
Keypad Backlight	White (Model K)	
Wiring Distance	150m (Wiegand)	
Colour Options	Black/White/Grey/Blue	
Operating Voltage Range	8-16Vdc	
Operating Current	Idle~30mA / Resding~70mA / Average~35mA	
Operation Temperature	-31°C to 63°C (-25°F to 145°F)	
Operation Humidity	0 to 95% (Non-condensing)	
Weight	0.14g	
Size	89mm×89mm× 20mm	

Ordering Information Example: NR-3A-WBN-ISO14443A input format/Wiegand Output/Black/No Keypad



Specification subjects to be changed without notice.

Product & Sales Enquiry :
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