



blueLINE Keypad Reader

# RBH-NK86-DNB Series

Award-winning Single Gang Mount 13.56mhz Smart card reader with Keypad/Pinpad for dual authentication or Pin operation

[www.rbh-access.com](http://www.rbh-access.com)

# RBH-NK86-DNB SERIES

The RBH-NK86 Single Gang mount reader reads 13.56mhz Mifare or Desfire encrypted cards and tags for the highest level of security. These readers has the ability to read RBH mobile credentials (blueLINE). The readers come standard with 50 bit wiegand output and can be ordered with 34 bit output for third party systems. For ultra secure installations readers can be ordered with OSDP1 & 2 capability. All readers are potted for indoor and outdoor use. Readers can be ordered for Card and Pin OR Card or Pin operation (standard output is 50 bit RBH with 8 bit burst )



MiFare CSN

MIFARE SECTOR

DESFire EV1-3

Bluetooth - NFC





PIN Multi function

Compatible with



Most 3rd Party Access control Solutions

## Specifications

Reader Reference	RBH-NK86-DNB SERIES
Card Types	Most MIFARE credentials (CLASSIC / PLUS / DESFire EV1, EV2, EV3) RBH blueLINE NFC & Bluetooth Mobile credentials
Communication	Wiegand - OSDP (Ver 1&2)
Dimensions	4.75" X 3.125" X .75" (119mm X 80mm X 20mm)
Housing	ABS
Read Range	MIFARE Cards & Tags: Up to 7.8" (200mm) blueLINE NFC mobile credential: Up to 3" (76mm) blueLINE Bluetooth mobile credential: Up to 30' (10m)
Cabling Wiegand	500' (152m) max, 18 - 22 AWG, 6-7 conductor shielded cable
Cabling OSDP (Ver 1&2)	RS485: 4000' (1219m) max, 20 - 22 AWG, 1 twisted pair, shielded, stranded Power: 2000' (610m) max, 18 - 22 AWG 2 conductor stranded
Operating Temperature	-40° F to +158° F (-40° C to + 70° C)
Color	Black
Indicators	Tri-color LED, Built-in Piezo sounder
Frequency	13.56 MHz / Bluetooth
Connector	18 inch (47 cm) Pigtail
Rating	IP-65
Weight	5.29 oz. (150 gr)
Power	12 - 15 VDC @ 100 mA
Certifications	   

## Order:

RBH-NK86-DNB-D for sector  
RBH-NK86-DNB-S for CSN

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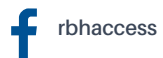




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