

RBH ACCESS

Multi-Credential and QR Reader

RBH-N86G-Q DNB Series

Single-gang reader supporting smart cards, mobile credentials, and QR codes

RBH-N86G-Q DNB SERIES

The RBH-N86G-Q DNB Series single-gang reader extends credential versatility by adding integrated QR code reading.
It supports secure 13.56 MHz smart card credentials, RBH blueLINE mobile credentials, and QR codes, enabling a wide range of access use cases, including employees, visitors, and temporary access scenarios.

Designed for both indoor and outdoor installations, the N86G-Q DNB offers flexible integration with RBH systems as well as third-party access control platforms. This combination of multiple authentication methods in a single device makes the N86G-Q DNB a practical and future-ready solution for modern access control environments.



QR / Barcode Reader

MiFARE SECTOR

DESFire EV1-3

Bluetooth - NFC

Indoor-Outdoor use

Specifications

Reader Reference	RBH-N86G-Q DNB
Identification Types	QR & Barcode - Most MiFARE credentials (CLASSIC / PLUS / DESFire EV1, EV2, EV3) - RBH blueLINE NFC & Bluetooth Mobile credentials
Read Range	**CSN:** Keytag: 4" (100mm) - Card: 6" (150mm) **Sector:** Keytag: 1.5" (38mm) - Card: 3" (76mm) **NFC:** Keytag: 1.5" (38mm) - Card: 3" (76mm) **Bluetooth:** 30ft (9.14mt) **QR Code:** 2.75 to 6.7" (7 to 17cm) **Barcode:** 1.2 to 4.3" (3 to 11cm)
QR Code Specifications	**Image Sensor:** 640 x 480 CMOS **QR Code Reading accuracy:** ≥ 0.5" (10mm) **Barcode Reading accuracy:** ≥0.25" (5mm) **QR Formats:** PDF417 - DataMatrix **Barcode:** EAN-13, UPC-A, CODE 128, CODE 39
Communication	Wiegand - OSDP (Ver 1&2)
Dimensions	4.75" X 3.125" X .75" (119mm X 80mm X 20mm)
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	-40º F to +158º F (-40º C to + 70º C)
Indicators	Tri-color LED, Built-in Piezo sounder
Frequency	13.56 MHz / Bluetooth
Connector	18" (47 cm) Pigtail
Rating	IP-65
Weight	5.29 oz. (150 gr)
Power	12 - 15 VDC @ 150 mA
Certifications	FC CE

*Specifications are subject to change without notice.

Access Control Management Systems

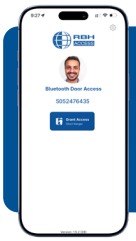
Compatible with RBH access control management systems, including:

- **AxiomXa**
- **AxiomCLOUD**
- **AxiomV**
- **Integra32**

**Compatible with most third-party access control systems.

Ordering Information

RBH-N86G-Q DNB-D – for Sector
RBH-N86G-Q DNB-S – for CSN



Free Mobile Credentials RBH blueLINE
· NFC and Bluetooth
· No Limits
· No fees
· Instant Access

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