



blueLINE Mullion Mount Reader  
**RBH-M45G-DNB Series**

Ensures seamless, high-security access with a future-ready design built for evolving security needs.

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

# RBH-M45G-DNB SERIES

The RBH-M45G-DNB delivers advanced access control with support for 13.56MHz Mifare and Desfire encrypted cards and tags. Enhance flexibility with optional Bluetooth and NFC for RBH UHSC mobile credentials.

Compatible with 50-bit Wiegand or 34-bit output for third-party systems, and for elevated security, OSDP1 & 2 support is available. Designed for indoor and outdoor reliability, the RBH-M45G ensures seamless, high-security access in any environment.



MiFare CSN

MIFARE SECTOR

DESFire EV1-3

Bluetooth - NFC

Tri-Color LED indicator

Compatible with:



Most 3rd Party Access control Solutions

## Specifications

Reader Reference	RBH-M45G-DNB SERIES
Card Types	Most MiFARE credentials (CLASSIC / PLUS / DESFire EV1, EV2 (EAL 5+), EV3 (EAL 5+)) RBH blueLINE NFC & Bluetooth Mobile credentials
Communication	Wiegand - OSDP (Ver 1&2)
Dimensions	3.87" X 2" X .75" (100mm X 51mm X 20mm)
Housing	ABS
Read Range	<b>CSN:</b> Keytag: 4" (100mm) - Card: 6" (150mm) <b>Sector:</b> Keytag: 1.5" (38mm) - Card: 3" (76mm) <b>NFC:</b> Keytag: 1.5" (38mm) - Card: 3" (76mm) <b>Bluetooth:</b> 30ft (9.14mt)
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	4.06 oz. (115 gr)
Power	12 - 15 VDC @ 100 mA
Certifications	    

\*Specifications are subject to change without notice.

## Order:

RBH-M45G-DNB-D for sector  
RBH-M45G-DNB-S for CSN

With the technology of:





RBH Access Technologies, Inc.  
2 Automatic Road, Suite 108  
Brampton ON L6S 6K8, Canada

1-905-790-1515  
1-905-790-3680

[info@rbh-access.com](mailto:info@rbh-access.com)

