



The Blueline series of credential readers combines proven technologies of the past with the emerging technologies of today. Through one product line a customer can maximize the benefits of Mifare, Desfire, Fingerprint, OSDP, Ultra-High Secure Credential (UHSC), Mobile Credentials, NFC and Bluetooth to create a customizable security solution that's right for their infrastructure. Blueline is an ergonomically esthetically pleasing design that fits all solutions from the smallest user to the largest corporations.

The RBH AX-R86 and AX-RK86 series of readers are ergonomically designed with tri-colored LED's and backlighting for dim environments. The casing is infused with a special rubber oil that protects the reader from scratches and improved touch command.

The RBH-BFR350 series is a biometric reader designed and completely integrated into all of RBH security software platforms for quick and easy biometric enrollment. For fingerprint only or credential and fingerprint validation the BFR series is right for any application.

All Readers in the Blueline series are capable of using Desfire credentials for the highest of security standards. Communication to controllers can be using standard Weigand or OSDP (version 1 or version 2) for increased security where maximum integrity and tamper conditions are required.

Introducing UHSC or Ultra High Security Credentials. All Blueline readers use UHSC via NFC or Bluetooth on respective devices. UHSC are a free App virtual credential for Android and IOS where the App creates a virtual credential on the device. A Manufacturer does NOT manufacture or track your credential. This removes the possibility of a virtual credential hack or duplication of virtual credential. End users are not dependent on manufacturers shipping or managing credentials making UHSC a much higher form of security and at the same time extremely economical.



RBH Blueline Features:

- Metal mount readers
- Scratch resistant
- Ergonomic design
- Backlit keypads
- Tri-color LED indication
- Vibration for keypad touch
- OSDP (version 1 & 2)
- Wiegand
- FREE virtual credentials (UHSC)



RBH Blueline Technologies:

- Mifare (13.56 MHz)
- Desfire (13.56 MHz)
- NFC
- Bluetooth
- Fingerprint
- UHSC virtual credentials



RBH Blueline Readers Specifications

Blueline™ Reader/Keypad Specifications		
Reader	RBH-R86-DNB	RBH-RK86-DNB
Type	Reader	Reader/Keypad
Technology	Desfire / Bluetooth / NFC	
Frequency	13.56 MHz	
Mounting	Single Gang Back Box	
Dimensions	3.38" x 3.74" x 0.83" (86 x 95 x 21 mm)	
Housing	ABS	
Weight	5.29 oz. (150 g)	
Voltage	DC 9~15 V	
Current Draw	80 mA @ 12 VDC	
Read Range	5 cm - 20cm dependent on credential	
Communication	Wiegand, OSDP (ver. 1&2)	
Connector	18 inch Pigtail	
Cabling	500' (152m) max, 18 - 22 AWG, 6-7 conductor shielded cable	
Operating Temperature	32° F to +149° F (-0° C to + 65° C)	
Color Options	A black snap-on cover included standard	
Audio Tone	Built-in Piezo sounder	
Visual Annunciation	Tri-color LED	
Warranty	Limited lifetime warranty	
Certifications		
Rating	IP-67	

Blueline™ Fingerprint Reader Specifications	
Reader	RBH-BFR-350-DNB
Type	Fingerprint Reader
Integrated Reader Technology	Desfire / Bluetooth / NFC
Frequency	13.56 MHz
PC to Reader / Panel to Reader	Ethernet (CAT5) / Wiegand (6 Cond. Shielded 18 AWG)
Dimensions	5.7" x 4.92" x 1.3" (145 x 125 x 33 mm)
Templates / Users	9500 / 4750
Weight	12 oz. (340 g)
Voltage	DC 9~24 V
Current Draw	1A
Read Range	5 cm - 20cm dependent on credential
Communication	Wiegand, OSDP (ver. 1&2), TCP/IP
Operating Temperature	32° F to +131° F (0° C to +55° C) / 0 - 95% RH
Color Options	Black
Authentication Speed	≤ 4 sec
Authentication Modes	Card only, Card & Finger, Card or Finger Finger only
Warranty	1 year
Certifications	
Rating	IP-65



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