

WAB BEM FCR

Biometric Access with Card Reader

WAB BEM FCR is an innovative BioPAZZ fingerprint card access reader which fully integrates fingerprint and RFID technology. The very compact design makes it suitable for installation on door frames. The WAB BEM FCR has standard Wiegand output to connect seamlessly with access controllers. This unit can easily replace the existing card readers with a biometric unit to upgrade the security to a higher level by use of fingerprint and card. The fingerprint enrollment is made easy when connected to WatchNET Access control software through the standard card enrolment screen in the software.

WAB BEM FCR can also work independently in stand-alone mode as a Time Attendance unit. This unit has built in relay for lock and input to monitor the door status. The fingerprint enrollment can be easily done directly on the unit using enroll and delete cards or through the BioPAZZ software with the help of an USB enrollment reader connected to a server.



FEATURES:

- Elegantly designed compact unit that can be easily installed even on a doorframe
- New generation fully sealed, waterproof and dustproof fingerprint sensor.
- BioNano core fingerprint algorithm that can take care of damaged fingerprints
- Current version of algorithm that makes it a solid platform for T & A and Access Control
- High performance and reliability
- Easy user enrollment on the unit via Enroll Card or through the BioPAZZ management software installed on a computer
- Identification method: fingerprint, card, fingerprint + card
- EM RFID, Mifare card module. Compatible with industrial standard
- Fingerprint Storage Capacity: 1000
- Communication to server via TCP/IP, RS485 and Mini USB port
- Standard Wiegand 26 bit output to connect with standard access control systems



Easy to use software interface

Technical Specifications:

Item	Description
Processor	32-Bit High Speed CPU
Algorithm	BioNano V10
Sensor	Optical Sensor
Sensor Wake Up Mode	Infrared Auto Wakeup Sensor
Scan Area	22mm*18mm
Resolution	500 DPI
Identification Method	FP, Card, FP + Card
User Capacity	1000 Users
Record Capacity	32000
Card Reader Module	EM - Mifare, HID (optional)
FRR / FAR	0.00% / 0.00%
Output	Wiegand 26/32/34/40 bits
Communication	RS232, RS485, MINI USB
Power Supply	Input 12VDC, 300mA
Working Temperature	-10°C to 60°C
Size	55(w)*145(h)*37(d) mm
Color	Black
Casing Material	ABS industrial plastic

*All logos & trade marks represent the registered users only. All rights reserved.
All product specifications on this brochure are subject to change without notice.*

CANADA:
351 Ferrier Street, Unit 5
Markham, Ontario
L3R 5Z2, Canada
Tel: 416-410-6865
Fax: 1-866-331-3341
Toll Free: 1-866-843-6865

USA:
700 Ensminger Rd. Site 104
Tonawanda, NY 14150 USA
Toll Free: 1-866-843-6865
Local: 1-717-687-8736
Fax: 1-866-331-3341

WatchNET
ACCESS

www.watchnetaccess.com
info@watchnetaccess.com

UAE:
P O Box No 126312
Dubai, UAE
Tel: + 971 4 3584458
Fax: + 971 4 3584458
Mobile : + 971 50 5869290

INDIA:
C-48, DDA Shed, Ground Floor
Okhla Industrial Area, Phase I
New Delhi-110020
Tell: +91 11 26816005
Fax: +91 11 26816006