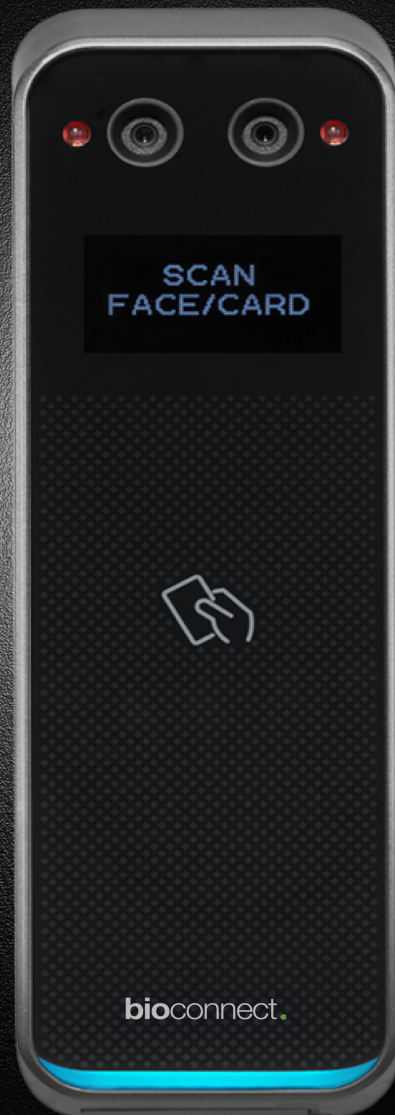


Arc Rex

AI- Powered Facial Authentication Device



Arc Rex is a facial authentication access control device built on advanced AI technology. This device delivers high recognition accuracy and rapid authentication speeds. Designed to perform reliably in challenging environments, with proven durability against physical impact and extreme conditions.

With a compact, modern profile the mullion mountable Arc Rex fits seamlessly into any access control environment - indoors or outdoors. By combining secure data protection with robust performance, Arc Rex provides a reliable solution for organizations that demand both security and simplicity.

Features



Best-in-class Performance

- Fastest face matching speed: within 0.2 seconds
- On-device AI embedded with NPU



Improved Accuracy & Security

- ISO/IEC 27001 & ISO/IEC 27701 certification
- Up to 1M authentication distance



Expanded Capacity

- Max. 500k users/1 million text logs
- Large memory: 2GB Flash + 256 MB RAM



Rugged Structure & Durable Build

- Vandal Proof: IK08
- IP67 ingress protection
- Ideal for outdoor or indoor installation



Multi RFID Card Reading

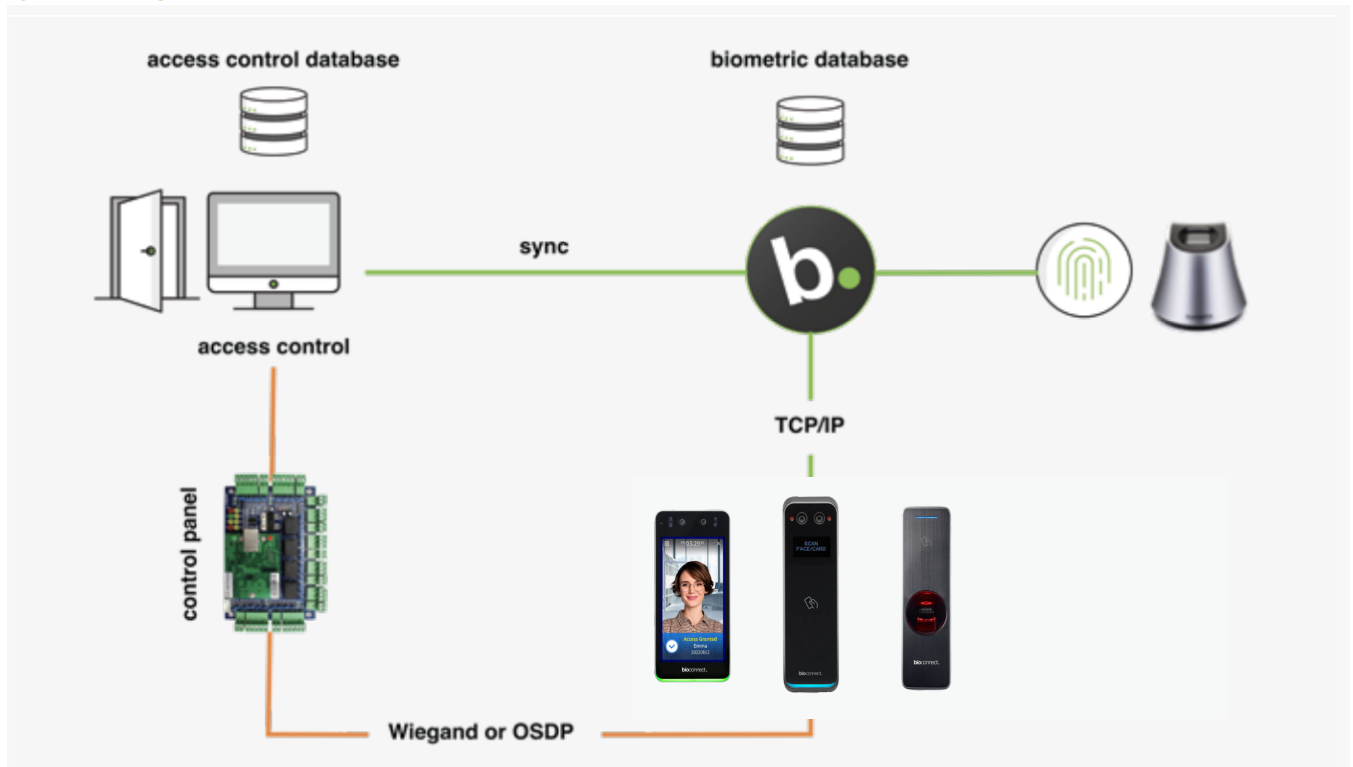
- LF(125kHz), HF(13.56MHz) dual-band
- Reads all card types that HID multiCLASS supports (EM/HID Prox/MIFARE/iCLASS/DESFire/FeliCa/NFC)

Specifications

Model Name	BC-ArcR
RF Option	125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3*, FeliCa, iCLASS SE/SR/Seos
Biometric	Face
Authentication Distance	0.3 ~ 1.0m
Template	Suprema / ISO
Matching Speed	Within 0.2 seconds
Live Face Detection	Supported
CPU	1.5 GHz Quad Core
Memory	16GB Flash + 2 GB RAM
Max. User	100,000 ⁴⁾
Max. Template	Face: 30,000 Card: 100,000
Max. Logs	10,000 (image)
LED	Multi-Color
Sound	16 bit
Ethernet	10/100 Mbps, auto MDI/MDI-X
RS-485	1ch Host or Slave (Selectable), OSDP V2.1.6
Wiegand	1ch Input or Output (Selectable)
Network Protocol	TCP, UDP
Relay	1 Relay
PoE	IEEE 802.3af compliant
Ingress Protection	IP67
Impact Protection	IK09
Tamper	Supported
Power	DC 12V 1.0A
Operating Temperature	-20°C ~ 50°C
Operating Humidity	0% ~ 80%, non-condensing
Dimensions (WxHxD, mm)	50 x 160 x 34.15 (mm)
Certificates	CE, FCC, KC, RoHS, REACH, WEEE, UL 294 * UL 294 is applied to only BEW2-OAP model.

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with Arc Rex.

System Configurations



BioConnect

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T 1-855-368-3743 W bioconnect.com



For more information visit our website below by scanning the QR code.
<https://bioconnect.com/arc-rex>