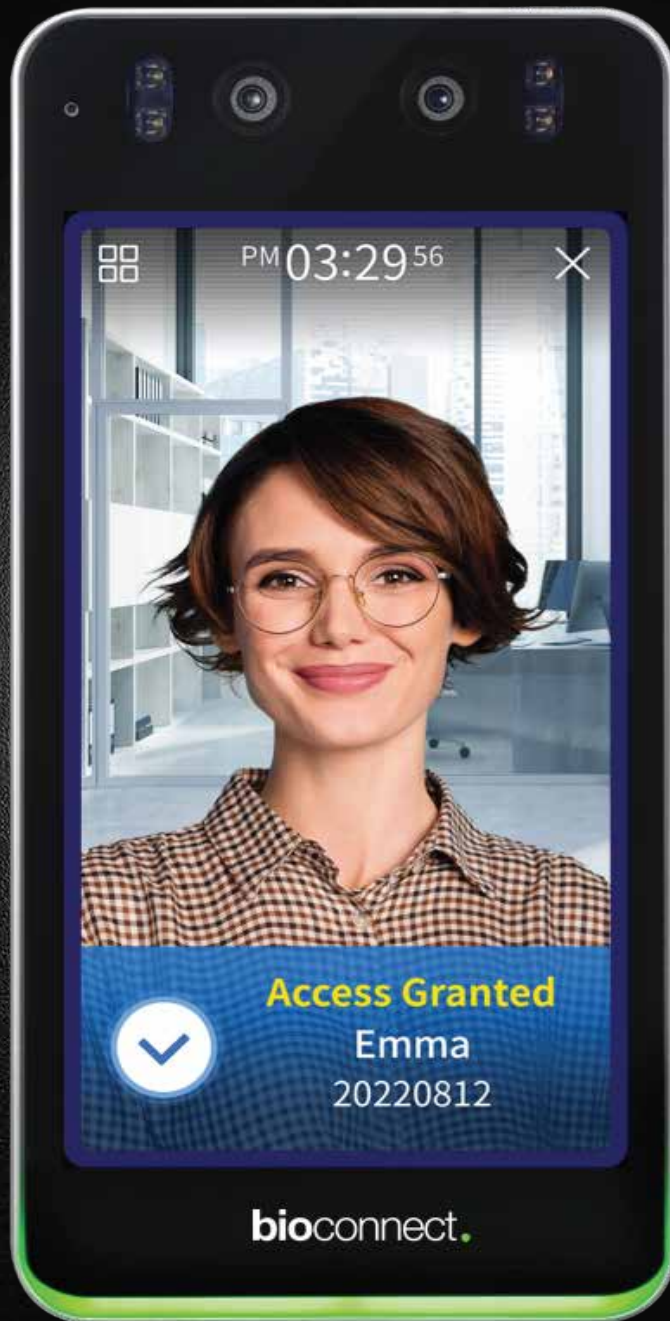


Arc Vision



The New Door Access Experience

bioconnect.



Overview

Arc Vision sets a new standard in access control, providing a new door access experience that enables improved security across all doors, for organizations of all sizes.

With highly advanced facial recognition, access credentials and usability features, Arc Vision makes it easier than ever to safely, securely and conveniently protect an organization's physical security and users' personal data.



Multiple Contactless
Credentials



Safely Protect Users'
Personal Data



Multiple Contactless Access Methods

Arc Vision provides multiple credential options. Choose from the most convenient authentication methods — all contactless and perfectly compatible with a post-pandemic world.



Perfect for Any Door, Any Business

Arc Vision is easy to install and scale in any environment, from small offices to massive enterprise buildings.



- Slim and compact design
- Less wiring and quick installation through Wi-Fi and POE+ support
- Simple to add on new features via custom USB host connecting to SIM Slot, RS232, etc.
- Suitable for indoor and outdoor environments — the terminal is rated IP65 and IK06*

**Refer to the website for details*



Fast and Smart AI Optimized for Facial Recognition Access



BioConnect took its facial recognition technology to the next level. Arc Vision is a high-tech edge device that can run AI algorithm locally. It uses an NPU, or Neural Processing Unit, to maximize the performance of its AI engine. Combined with BioConnect's domain knowledge and experience as a two-decade access control leader, Arc Vision's NPU-optimized AI algorithm offers the highest standards in facial recognition accuracy and speed.



Accurately and rapidly recognize moving faces in high-traffic areas



Use dynamic face templates to increase matching performance with faces wearing masks, glasses, hats, beards, different hairstyles, etc.



Detect fake faces, images and photos

INTRODUCING...

'No Enrollment'

Manually enrolling users in a new biometric system is time-consuming and disruptive. BioConnect's No Enrollment feature eliminates onboarding friction by syncing existing profile images to generate biometric templates—no manual enrollment required.



Efficiency in Onboarding

Enrolling employees one by one for access control can be a real bottleneck—time-consuming and error-prone. Save immense amounts of time, and in turn, money by removing the need for person-by-person, manual enrollment.



Heightened Security

Utilize pre-approved credentials to significantly reduce the threat of unauthorized access and related security challenges.



Integration with Current Systems

Our solution fits neatly within existing organizational systems, enabling immediate and seamless integration and onboarding without disruption.



Biometric Privacy & Compliance

Utilizing current profile photos to create biometric enrollments ensures compliance with biometric privacy regulations like BIPA, CCPA, and GDPR.

Specifications

Model Name		BC-ArcV	
Biometric		Face	
Credential	RF Option	125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3 ⁽¹⁾ ; FeliCa, iCLASS SE/SR/Seos	
	RF Read Range ⁽²⁾	EM/HID iCLASS/MIFARE: 30 mm, HID Prox/DESFire: 25 mm, FeliCa: 15 mm	
	Mobile	NFC, BLE	
	Barcode and QR code	Supported ⁽³⁾	
General	CPU	1.5GHz Quad Core	
	Memory	32GB Flash + 4GB RAM	
	Crypto Chip	Supported	
	LCD Type	5.5" IPS color LCD	
	LCD Resolution	720 x 1280 pixels	
	Sound	16 bit	
	Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	
	Operating Humidity	0% ~ 80%, non-condensing	
	Camera	2MP x 2EA (Visual, IR)	
	Dimension (W x H x D, mm)	82.5 x 171 x 23.4	
	Weight	Device: 370g	Device: 380g
		Bracket (Including washer and bolt): 90g	
	Ingress Protection (IP)	IP65	
	Vandal Proof (IK)	IK06	
Certificates	KC, CE, UKCA, FCC, RCM (Compliance: RoHS, REACH, WEEE)		
Face	Recognition Distance	0.6 ~ 1.0 m (23.6"~39")	
	Recognition Height	1.4 ~ 1.9 m (55.1"~74.8")	
	Matching Speed	Less than 0.2 sec	
	Live Face Detection (Anti-Spoofing)	Supported	
Capacity	Max. User	100,000 ⁽⁴⁾	
	Max. Credential (1:N)	Face: 50,000	
	Max. Credential (1:1)	Face: 100,000 / Card: 100,000 / PIN: 100,000	
	Max. Text Log	5,000,000	
	Max. Image Log	50,000	
Interface	Ethernet	10/100/1000 Mbps, auto MDI/MDI-X	
	Wi-Fi	-	802.11 b/g/n 2.4GHz
	RS-485	1ch Host or Slave (Selectable)	
	Wiegand	1ch Input and 1ch Output	
	TTL Input	3ch Inputs	
	Relay	1 Relay	
	PoE	-	IEEE 802.3 at compliant
	Intercom	Supported	
	RTSP (Real Time Streaming Protocol)	Supported	
	USB	USB 2.0 (Host)	
	Extended USB	Supported	
	Tamper	Supported	
Power	DC 12V 2.5A, DC 24V 1.2A		

⁽¹⁾ DESFire EV2/EV3 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with Arc Vision.

⁽²⁾ RF read range will vary depending on the installation environment. ⁽³⁾ Requires a separate license. ⁽⁴⁾ The number of users registered without having any credential data.



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