

Arc Touch

Outdoor IP Fingerprint Device



Arc Touch is a rugged fingerprint access control device featuring our next generation biometric technology and security platform. Arc Touch provides class-leading performance and security by featuring our latest fingerprint algorithm coupled by powerful quad-core CPU and LFD (live finger detection) technology. The device also provides added flexibility in system design by featuring multi card reading with dual-frequency RFID technology. Packed in a rugged IP67/IK09 housing with sleek metallic finish, Arc Touch is a perfect access control solution for tough environments and outdoor installation.

bioconnect.

Features



Best-in-class Performance

- Latest BioConnect algorithm
- 1.2GHz quad-core CPU



Improved Accuracy & Security

- New advanced Live Finger Detection(LFD) technique
- High-precision OP5 optical sensor



Expanded Capacity

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



Rugged Structure

- IK09 impact protection
- IP67 ingress protection
- Ideal for outdoor installation



Multi RFID Card Reading

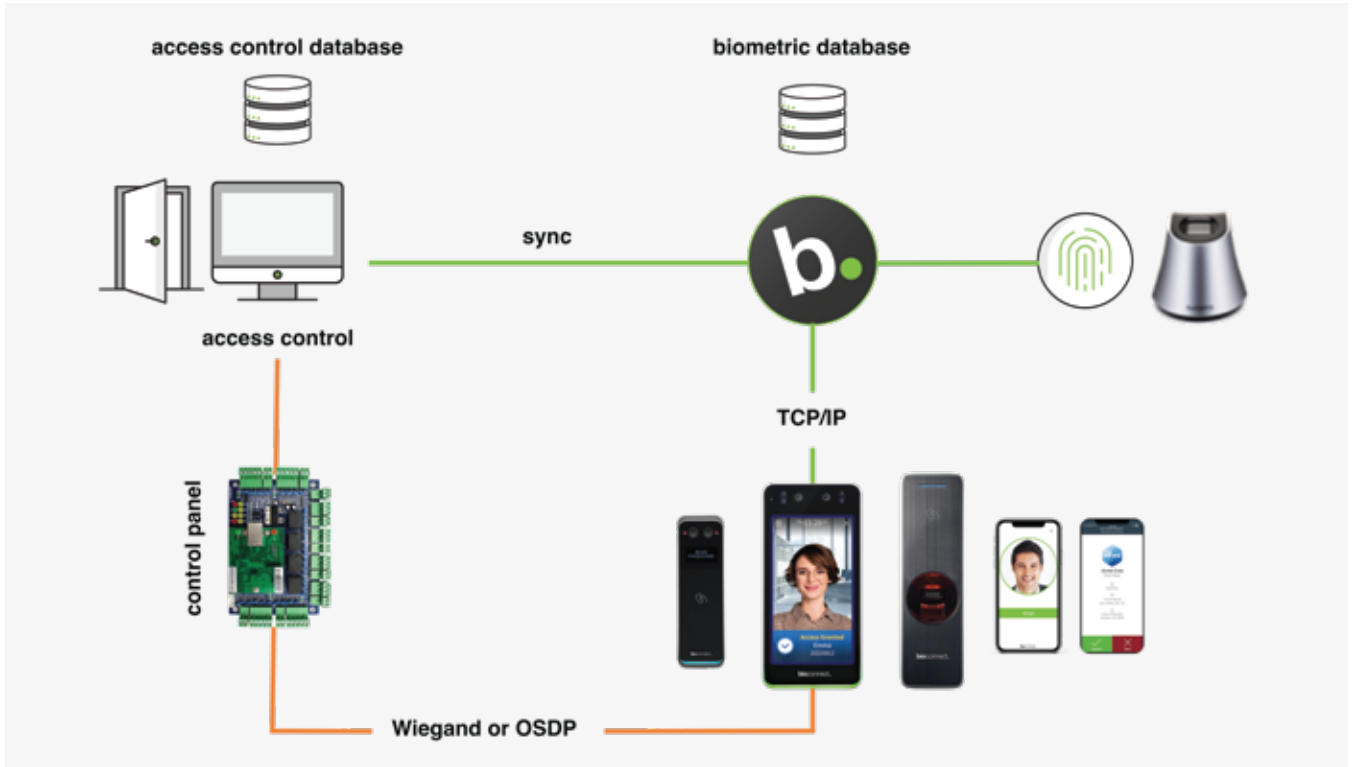
- LF(125kHz), HF(13.56MHz) dual-band
- Reads all card types that HID multiCLASS supports (EM/HID Prox/MIFARE/iCLASS/DESFire/FeliCa/NFC)

Specifications

Model Name	BC-ArcT
RF Option	125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3*, FeliCa, iCLASS SE/SR/Seos
Biometric	Fingerprint
Sensor Type	Optical Sensor (OP5)
Template	BIOCONNECT / ISO 19794-2 / ANSI 378
Extractor / Matcher	MINEX certified and compliant
LFD	Supported
CPU	1.2 GHz Quad Core
Memory	2GB Flash + 256 MB RAM
Max. User	500,000 (1:1), 100,000(1:N)
Max. Template	1,000,000(1:1), 200,000(1:N), [Two templates per finger]
Max. Logs	1,000,000(text)
LED	Multi-Color
Sound	Multi-tone Buzzer
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)
TTL	2ch Input
Relay	1 Relay
PoE	IEEE 802.3af compliant
Ingress Protection	IP67
Impact Protection	IK09
Tamper	Supported
Power	DC 12V 0.5A
Operating Temperature	-20°C ~ 50°C
Operating Humidity	0% ~ 80%, non-condensing
Dimensions (WxHxD, mm)	50 x 172 x 43.5 (Bottom) / 38.2 (Top)
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 BioEntry W2.

System Configurations



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