

biostation 3 by Cool Care.



CoolCare's easy enrolment functionality and Biostation 3's powerful facial recognition technology makes it easy to accurately clock staff in and out - safely, securely and conveniently.

This ensures the highest levels of security is applied to users' personal data.

1. fast and efficient clocking.

Secure clocking

Highly advanced facial recognition that ensures staff cannot share fobs or text each other PINs and anti spoofing technology means staff can't trick the device with a picture.

Fast Clocking

With a matching time of under 0.3 seconds the Biostation 3 recognises staff faces faster than you can say "wow that was fast!"

Easy Enrolment

New staff records are automatically transferred from CoolCare to the Biostation 3 ensuring that when a new member of staff joins, enrolment is easy and quick.

All shapes, all sizes

Dynamic face templates increases matching performance with faces wearing masks, glasses, hats, beards, different hairstyles, it can cope with everything!.

2. perfect for the care home environment.

Unobtrusive design

Wall mounted, compact form factored with three alternative methods of connecting to your network, ensures the technology is unobtrusive and can blend in to your home environment.

Ready any time of day

3D cameras in both colour and infrared means the unit can recognise faces at any time of day or night including in low light conditions.

Water and dust protection

IP65 rated means the unit has the highest level of dust protection, and is able to withstand low-pressure water jets from all directions. – i.e. won't be damaged by infection control cleaning protocols.

Impact resistant to IK06 level protection (on the IK0 -IK10 Scale)

3. secure by design

This template is stored in a safe, non-identifiable way on the device and on our supplier's database, meaning it can't be used to identify the individual by any means other than via your biometric devices.

[illegible]

We recommend that you check the Information Commissioners Office for further details on ensuring your company policies are compliant for the use of employee biometric data. <https://ico.org.uk/for-organisations/uk-gdpr-guidance-and-resources/lawful-basis/biometric-data-guidance-biometric-recognition/biometric-recognition/#howdobiometric>

Ethernet

Wired directly into your network via a CAT5 Cable. A standard 240V power socket required for power.

Connect to your homes Wi-Fi network. A standard 240V power socket required for power.

Wired directly into your network via a CAT5 Cable. Power supplied via a Cat 5 cable. Requires a POE switch at the router/ server end.

Key Benefits



Accurately and rapidly
recognize moving faces in
high-traffic areas



Detect fake faces, images
and photos



Suitable for indoor and outdoor environments



Matching speed less than 0.3 seconds



Max users 100.000



Suitable for Time & Attendance and Access Control



Optional PoE (Power over Ethernet)

General	CPU 1.5GHz Quad Core Memory 32GB Flash + 4GB RAM Crypto Chip Supported LCD Type 5.5" IPS colour LCD LCD Resolution 720 x 1280 pixels Sound 16bit 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) 82.5mm x 171mm x 23.4mm 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	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 0.3 sec Live Face Detection (Anti-Spoofing)
Capacity	Max. User 100,000 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 Supported (10/100/1000 Mbps, automatic MDI/MDI-X) Wi-Fi-Supported (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+-Supported (IEEE 802.3 at compliant)
Power	Power DC 12 V 2.5A, DC 24 V 1.2A