

## Smart Biometric Clock

# The simple, secure, and modern clocking of the future.

The Smart Biometric Clock provides a clocking experience that puts people first.

Rather than fumbling around with proximity cards, not knowing whether clocking has been successful, and leaving your building susceptible to buddy-clocking can all be left in the past.

With our Smart Biometric Clock's contactless clocking, starting and finishing work is much more efficient; it can clock each member in a queue in under 5 seconds. It's digital screen also feedbacks whether clocking has been successful- resulting in accurate headcounts and reducing anxiety around whether payslips will accurately reflect time worked.

## Pushing Time & Attendance Forward

Using the latest contactless technology this terminal will revolutionise the way you gather, access and manage your workforce data. To improve speed, security and efficiency of enrolment, employees can self-enrol faster than ever before by using facial recognition, fingerprint and proximity authentication. Fully integrated with our time and attendance solution to track live clocking in and out data, all of which can be reported on and visualised in intuitive dashboards.

## Security

A Linux-based operating system has been developed in-house using a security by design principle to run exclusively on our own hardware. The Smart Biometric Clock has been subjected to rigorous internal and independent security, stability and performance testing, meaning you can be safe in the knowledge that your hardware and software is designed with usability at its core.

We don't store biometrics, we store templates. When a face or finger is enrolled into the system, a template is generated by analysing the image and extracting key data points. We license the biometric matching from one of the leading providers, Innovatrics. On this,

### Key Capabilities:

- Facial recognition and Fingerprint Biometrics
- Clock each member in a queue in under 5 seconds
- Sleek new design with a screen to feedback when clocking has been successful
- Secure cloud-based solution



“Templates are numerical representations of key points taken from a person’s body. The template usually contains biometrics features such as minutiae points. Template extraction is performed by deep neural networks, which result in algorithms that are extremely hard to reverse. In a way, it can be seen as a one way hash.”

Our Smart Biometric Clock ‘s terminals come with embedded disaster recovery mode which ensures that in the unlikely event of any on-site power failure your devices can reboot safely and re-connect to download the latest available updates and any device configuration.

## Durability

The Teflon-coated alloy chassis is strong, food safe and capable of withstanding harsh environments. IP65 rated, it is fully waterproof and dust proof. We know hygiene is critical, so the Smart Biometric Clock ‘s can be sterilised with anti-bacterial products with no worries of damaging the terminal.

## Hardware & Firmware Specifications

- Hi-Resolution full colour touch screen
- Integrated facial recognition
- User self-enrollment
- 3mm physically & chemically toughened glass
- Power the Smart Biometric Clock ‘s from POE
- Ethernet and WiFi support
- Jet-wash, bleach & dustproof
- Temperature range -10 to 40 degrees celcius
- Food-prep and bio safe
- Supports latex gloves
- Oleophobic coating
- Mifare cards only
- Multi-colour LED back-wall illumination
- Waterproof cabling
- Strong wall brackets
- Ruggedised AC/DC adaptor/ wall-mounted PSU (hardware tested requires stocking)

Get in touch

## Want to find out more?

Contact one of our team members today!

**oneAdvanced**