



With Facial Recognition.

The GT8 is a Workforce Management Device from GTClocks.

Advances in hardware have allowed us to create a 'time clock' device truly capable of supporting today's native and web application needs.

The GT8 offers high capacity finger biometric and facial recognition solutions for large workforces. Our facial recognition technology means an employee does not need to touch the device whilst being identified and the whole process can take less than a second.

The GT8 is designed to excel in high throughput 'always-on' environments. It combines its longevity with modern security practices ensuring personally identifiable information (PII) is always protected.

The GT8 uses the Android™ 10 operating system. This means applications for the device can be easily developed using familiar tools and frameworks. The GT8 can also be updated over-the-air (OTA), keeping the operating system up-to-date and secure.

GT8

What is the GT8 capable of?:



GT8 uses Android™ 10 providing maximum flexibility

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Facial recognition technology provides a touchless biometric solution that prevents time theft through fraudulent transactions.



Face Recognition Technology



5 megapixel IR camera with visible and IR illumination

Our 'Enhanced Exposure' technology and multiple illumination modes, ensures optimal facial recognition performance across a variety of background lighting conditions.

For clients utilising fingerprint biometric identification or proximity cards, Illuminated 'call to action' points guide users to where the finger or card should be placed for identification. The illumination can be tailored to suit end user or partner needs - meaning the colour, brightness and effect of the light can all be changed. This intuitive approach makes the GT8 simple to operate and improves user experience overall.



Proximity/Biometric illumination for guided actions



Customizable branding with configurable back-lighting

The GT8 provides numerous branding options for application providers or their corporate end users. Devices can be provided in a range of colours and can include company names or logos. The back-lighting can also be adapted to fit brand look & feel. The GT8 can be customized to suit any brand.

The GT8 provides great user experience with an 8" full colour high resolution touch screen providing the user a concise, impressive interaction, comparable to that experienced with modern mobile devices.



High resolution (1280x800)
8" full colour touch display



Enhanced security including encrypted PII/biometric data

Data security is at the core of what we do. The GT8 combines an encrypted file system, secure boot, hardware backed key storage and a hardened operating system to keep data and personal information secure.

The GTConnect service connects your platform to us. It's a cloud-based connection service, built to optimise and facilitate your workforce management infrastructure enabling our partners to manage and diagnose networked devices remotely. GTProtect provides lifetime hardware warranty and next-day device replacement maximising up-time and reducing lifetime hardware costs.



Integrates with our cloud subscription services

GT8

The GT8 comes with our standard App that includes:

- 'Clocking' in and out
- Configurable 'clocking' reasons
- Support for multiple readers/biometrics
- Department transfers
- Duplicate 'clocking' prevention
- 'Break-out' to browser

Other features of the GT8 include:

- Swipe, Proximity and Biometric reader options
- Stereo speakers and microphone
- Flexible connectivity options including Ethernet and Wi-Fi
- Simple installation using wall-mount brackets including VESA

- Power via PoE+ or 12V DC jack
- Internal lithium-ion battery back-up
- Compact footprint

Technical Specifications*:

Operating System	<ul style="list-style-type: none"> • Android 10
Memory	<ul style="list-style-type: none"> • 16GB high performance flash • 3GB RAM
Processor	<ul style="list-style-type: none"> • 1.6GHz Quad-Core Processor
Power	<ul style="list-style-type: none"> • Power options: 12V DC jack/POE+ • Internal lithium-ion battery back-up
Input/Output	<ul style="list-style-type: none"> • Contactless smartcard readers: Mifare/DESfire, iClass SE (optional) • Proximity card readers: wide range of readers (optional) • Multi-format reader (optional) • Magnetic stripe card reader (optional) • Barcode card reader or external scanner (optional) • 5 mega-pixel, wide-angle camera • I/O relay module (optional) • USB 2.0 ports – 4 external/2 internal
Operating Temperature & Humidity	<ul style="list-style-type: none"> • 0°C - 35°C (32°F - 95°F) • 5 - 90% non-condensing
Mounting Options	<ul style="list-style-type: none"> • VESA mount (option) - allows adjustable mounts to be connected
Dimensions & Weight	<ul style="list-style-type: none"> • Width: 206mm (8.1") • Height: 216mm (8.5") • Depth (Top): 36mm (1.4") • Depth (Bottom): 78mm (3") • Weight: 1.5Kg (3.3Lbs)

Features*:

Display	<ul style="list-style-type: none"> • 8" capacitive multi-touch screen • Full colour • 16:10 aspect ratio • 1280x800 pixel resolution
Biometrics	<ul style="list-style-type: none"> • Suprema SFM Slim (optional) • Lumidigm M320 (optional) • Facial recognition • On device finger matching algorithm (10,000+) using fast matching for large workforces
Kiosk Experience	<ul style="list-style-type: none"> • User experience built for multi-user and high use environments: <ul style="list-style-type: none"> - Block access to admin functionality via custom launcher - Surface specific inline web app content - Role based access
Touchless Solutions Range	<ul style="list-style-type: none"> • Proximity and facial recognition for zero touch IN/OUT transactions
Completely Customizable Interface	<ul style="list-style-type: none"> • Applications: <ul style="list-style-type: none"> - Configurable standard application - Custom application development - API for own application development • White labelling
Audio	<ul style="list-style-type: none"> • 2x integrated speakers • Integrated microphone
High Security	<ul style="list-style-type: none"> • Encrypted data storage • Secure biometric encryption • Security fixing to wall bracket • Hardware backed keystore
Host Connectivity	<ul style="list-style-type: none"> • Gigabit Ethernet • Dual band WIFI (optional) • Bluetooth (optional)

*Technical specifications and features are subject to change in the development of the product
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