

**GT8**

# GTClocks

**Finger biometric and facial recognition solutions for large workforces**



## **i Product Information**

The GT8 is a stunning Workforce Management Device from Chronicle Computing Ltd. Advances in hardware have allowed us to create a 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 whilst 'punching in and out' an employee does not need to touch the device and the whole process can take less than a second.

The GT8 is designed to excel in a high throughput 'always-on' environment. It combines it's longevity with modern security practices ensuring personal data 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.



Enhanced security including encrypted PII/biometric data



Face Recognition Technology



5 megapixel IR camera with visible and IR illumination



Proximity/Biometric illumination



Customizable branding with configurable back-lighting



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



GT8 uses Android™10 providing maximum flexibility



Integrates with our cloud subscription services

# Technical Specifications

## GTClocks - GT8



Operating System	<ul style="list-style-type: none"><li>• Android 10</li></ul>
Memory	<ul style="list-style-type: none"><li>• 16GB high performance flash, 3GB RAM</li></ul>
Processor	<ul style="list-style-type: none"><li>• 1.6GHz Quad-Core Processor</li></ul>
Power	<ul style="list-style-type: none"><li>• Power through 12V DC Jack</li><li>• Power over Ethernet Plus</li><li>• Internal lithium-ion battery back-up</li></ul>
Input/Output	<ul style="list-style-type: none"><li>• Contactless smartcard readers: Mifare, iClass SE (optional)</li><li>• Proximity card reader: supports a range of readers, including HID</li><li>• Prox 125kHz (optional)</li><li>• Magnetic stripe card reader (optional)</li><li>• Barcode card reader or external scanner</li><li>• Multi-format (optional)</li><li>• 4 + 2 internal USB2.0 ports</li><li>• I/O relay module (optional)</li><li>• 5 mega-pixel, wide-angle camera</li></ul>
Operating Temperature & Humidity	<ul style="list-style-type: none"><li>• 0°C - 35°C (32°F to 95°F)</li><li>• 5-90% non-condensing</li></ul>
Mounting Options	<ul style="list-style-type: none"><li>• Ability to VESA mount clock using standard fixings/ Simple installation</li><li>• Enables compliance with ADA</li><li>• Ability to adjust viewing angle</li></ul>
Dimensions & Weight	<ul style="list-style-type: none"><li>• Width: 206mm (8.1") • Height: 216mm (8.5") • Depth (Top): 36mm (1.4") • Depth (Bottom): 78mm (3")</li><li>• Weight: 1.5Kg (3.3Lbs)</li></ul>
Display	<ul style="list-style-type: none"><li>• 8" capacitive multi-touch screen, Full colour</li><li>• 16:10 aspect ratio, 1280x800 pixel resolution</li></ul>
Biometrics	<ul style="list-style-type: none"><li>• Suprema SFM Slim (optional)</li><li>• Lumidigm M320 (optional)</li><li>• Facial recognition</li><li>• Optional expanded fingerprint database of 10,000+ using fast matching on device algorithm</li></ul>
Kiosk Experience	<ul style="list-style-type: none"><li>• Ability to surface Employee Self-service data on the terminal</li><li>• Possibility to provide web breakouts through a secure portal</li><li>• Reporting, schedules, vacations</li></ul>
Touchless Solutions Range	<ul style="list-style-type: none"><li>• Can use both proximity and facial recognition to maintain touchless workplace environment</li></ul>
Completely Customizable Interface	<ul style="list-style-type: none"><li>• Control of information displayed</li><li>• Custom application development • Whitelabelling available</li><li>• Adoption &amp; support for latest OS releases</li></ul>
Sound Messaging	<ul style="list-style-type: none"><li>• 2x integrated speakers, Integrated microphone</li></ul>
High Security	<ul style="list-style-type: none"><li>• Encrypted data storage</li><li>• Secure biometric encryption</li><li>• Security fixing to wall bracket</li><li>• Hardware backed keystore</li></ul>
Host Connectivity	<ul style="list-style-type: none"><li>• Ethernet: 10/100/1000</li><li>• WiFi: Intel dual band (optional)</li><li>• Bluetooth (optional)</li></ul>

To learn more about the GT8, visit [www.chronicle-online.co.uk](http://www.chronicle-online.co.uk) or call 01793 313649