

FACIAL RECOGNITION DATA SHEET

Our GT10 timeclock has taken the next steps in timekeeping and attendance using **facial recognition**. Building on the evolving capabilities of our Android solution, it provides face recognition via an easy to use UI. It's intuitive and requires near-zero training for users as well as supervisors.

KEY FEATURES

- Touchless facial recognition
- Fast and accurate using 70 facial features
- AI-based anti spoof to help prevent payroll fraud
- Optimised camera to help cope with variable lighting conditions



ANTI-SPOOFING, ACCURATE AND INGENUOUS

Our facial recognition algorithm, an optimized camera and a cutting-edge AI anti spoof capability combine to bring a touchless biometric solution to this industry-leading timeclock. This new addition to our GT10 model reduces hygiene and cross infection concerns whilst also helping prevent buddy punching and keeping data secure. Our face rec options include a 1:N solution with a maximum capacity of 10,000 templates, or 1:1 in combination with a badge or pin that features a 50,000 templates maximum and a recognition speed of less than 1 second per face. Our solution also has intuitive anti-spoofing ability against digital attacks and buddy punching attempts.



BUILT WITH YOU IN MIND

The major differentiator with Grosvenor technology is we are here to give you the functionality you need and a seamless user experience. We provide not only top of the line hardware, but also offer a timeclock application that acts as an extension of your specific functionality and branding.

Implementing facial recognition can be easily achieved via our customisable GT EasyClock standard application which can be interfaced directly or via our cloud services a custom app. The application can be built for you via our expert professional services team or if you undertake your own Android development via libraries we provide.



Our Touchless solutions range allows for a safe, secure and touchless work environment. We commit to providing customised, timeclocks and personalised services, including possible touchless clocking to suit your every need. We always strive to create our clocks, your way.

FACIAL RECOGNITION TECHNICAL SPECIFICATION

FACIAL RECOGNITION CLOCK MODEL SUPPORT	<ul style="list-style-type: none"> GT 10 Android Firmware version 1.9.0 or later
FAR (FALSE ACCEPTANCE RATE)	<ul style="list-style-type: none"> $\leq 0.001\%^*$
FRR	<ul style="list-style-type: none"> $\leq 1\%^*$
CAPACITY (1:N) IDENTIFY	<ul style="list-style-type: none"> 10,000
CAPACITY (1:N) VERIFY	<ul style="list-style-type: none"> 50,000
INDICATIVE PERFORMANCE (1:N)	<ul style="list-style-type: none"> ≤ 2 sec
INDICATIVE PERFORMANCE (1:1)	<ul style="list-style-type: none"> ≤ 1 sec
ANTI-SPOOFING ALGORITHM	<ul style="list-style-type: none"> AI anti-spoof that protects against mobile fake photo attacks
LIGHTING ENVIRONMENT	<ul style="list-style-type: none"> When surveying for installation take into account, and where possible avoid strong backlight sources in direct line of sight of the camera unit.
SOFTWARE	<ul style="list-style-type: none"> Face recognition functionality is delivered on GT Easyclock Android version 1.1.0 or later and custom variants
PRODUCT CODE	<ul style="list-style-type: none"> RM-FR-A



(*with standard threshold)

Contact us today to find out how our state-of-the-art touchless attendance solutions can grow your customer base. You can reach our team at **01202 621700** or [grosvenortechnology.co.uk](https://www.grosvenortechnology.co.uk).