Synel Fingerprint

Flexible Biometric Time & Attendance System

SCL MicroTime©
TIME AND ATTENDANCE SYSTEM

WORKFORCE SOLUTIONS BY SYSTEMS CONSULTING™

Product Datasheet

At a glance

Easy clocking in / out and registering break start / end with Linux based fingerprint biometric system.

Built in speaker for alert notifications and report confirmation and rejection.

Compact and attractive design.

Multiple identification methods - Biometrics, Card/Fob and PIN.

Synel's MicroTime Fingerprint is a compact, easy to use data capture device installed in leading time & attendance solutions around the world.

With a robust design to withstand the demands of daily use by organisations with the largest of workforces, MicroTime Fingerprint can store up to 25,000 employee finger templates and features a highly accurate optical fingerprint reader. MicroTime Fingerprint includes a choice of card and fob technologies as standard (Mifare, Proximity, HID and HID iClass) along with PIN via the built-in keypad.

Coupled with a full colour screen and audible alerts, MicroTime Fingerprint will also generate sound effects and visual alerts for notifications, report confirmation/rejection and other actions and event indications.

MicroTime Fingerprint is available in a host of configurations to perfectly match your application.

Quick and easy administration and hassle-free operation

Enrolment of employees can be performed at any MicroTime Fingerprint device across your solution or via an optional enroller connected to a PC. What's more, with biometric technology your employees do not need any access cards or proximity fobs to clock in and out. They simply need to use their registered fingerprint to identify themselves – a safe, quick and easy way to register attendance.

Highly secure

With Biometric identification, your organisation can prevent your employees clocking in for another individual, known as 'buddy punching', and eliminate unauthorised card use, increasing the levels of physical security across your business premises. However, by combining PIN or card with fingerprint you can add an additional layer of security with dual authentication.

The perfect hardware solution for Synel's workforce management software platform.

MicroTime Fingerprint is compatible with Synel's own leading cloud-based workforce management software platform, delivering a host of benefits over T&A alone with scalable modules such as Expenses Management, Cloud Document Storage, Time Costing, Visitor Management and Access Control.

Compatible with third-party software platforms

Synel's Solution Partner programme ensures MicroTime Fingerprint is compatible with other leading T&A and HR solutions via MicroTime Connect middleware or native SDK integration (partner dependent).

Part of the MicroTime range of data capture devices

MicroTime Fingerprint forms part of the data capture range from Synel, which also includes MicroTime Face facial recognition and MicroTime Touch self-service devices; alongside MicroTime App for managing your workforce on the move via your iOS or Android mobile device.

Technical Specifications

General	Operating System	Linux
	Processor	ARM 9 400 MHz
	Display	3.5" TFT Colour
	Keyboard	Numerical Keyboard
Capacity	User Capacity (valid card numbers or other employee IDs)	676,000
	Fingerprint Template Capacity	10,000 / 25,000
	Fingerprint Register	Varies between 1-3 times
Memory	SD Card	Micro SD Card Slot
Verification	Fingerprint	Yes
	Card/Fob	Yes
	QR Code	No
	Facial Recognition	No
Data & Network	Data Transmission Protocols	TCP/IP/HTTP/HTTPS, USB
	Network Interface	10/100 Base-T Ethernet
Physical & Environmental	Power	12V DC, 2A
	Operating Temperature	0-50 humidity 10%-90%
	Dimensions	210 x 145 x 48mm
	External Reader Compatibility	Weigand
	Fingerprint Fake Identification Rate	<0.001% / <0/1%
	Fingerprint Identification Speed	< 1 Sec
	Facial Recognition Identification Rate	-
	Facial Recognition Identification Speed	-
	Certification	CE, FCC, TUV, RoHS
	Mounting options	Wall Mount

Warranty

The MicroTime Fingerprint Biometric data capture hardware comes with a standard 1 Year Manufacturers Return to base warranty. This covers your device against manufactering faults and defects only.

With a Synel Support Package the MicroTime Fingerprint Biometric data capture hardware is covered for the life of your agreement against manufactering faults and defects. For more details please contact us.

Other configurations also available. Please contact us for more details.