

Synergy Touch

Flexible Biometric Time & Attendance System



Product Datasheet

At a glance

User Friendly 10 inch TFT Colour display and touch screen for easy clocking in /out, registering break start / end.

Intuitive jobs, projects and activity time recording.

Absence / Holiday requests can be submitted on the device.

Multiple identification methods - Biometrics, Card/ Fob and QR Code.



Synel's **Synergy Touch** is an easy to use data capture device delivering enhanced flexibility by combining a high accuracy optical biometric reader for fingerprint based employee logging and the Android based touch screen technology that allows 'self-service' for activity such as logging in and out, requesting absences, checking schedules and much more.

Large screen and lightning fast response

Encased in a robust housing and with the ability to store up to 25,000 fingerprint templates, **Synergy Touch** is able to withstand daily use from even the largest of workforces and with its high resolution 10" TFT touchscreen can be centrally managed to show your company branding and set permissions so only specific functions are available to employees.

Quick and easy administration and hassle-free operation

Enrolment of employees can be performed at any **Synergy Touch** 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 the potential of unauthorised card use, increasing the levels of physical security across your business.

Synergy Touch supports a choice of card and fob technologies (Mifare, Proximity, HID and HID iClass) can also be used, along with PIN via the on-screen keyboard - and 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

Synergy Touch 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 **Synergy Touch** is compatible with other leading T&A and HR solutions via Synergy Connect middleware or native SDK integration (partner dependent).

Part of the **Synergy** range of data capture devices

Synergy Touch forms part of the data capture range from Synel, which also includes and **Synergy** fingerprint and **Synergy Face** facial recognition devices, alongside **Synergy App** for managing your workforce on the move via your iOS or Android mobile device.

Technical Specifications

General	Operating System	Linux/Android
	Processor	A20 Dual Core 1.0G
	Display	10" TFT Colour
	Keyboard	Virtual Keyboard Virtual Keyboard
Capacity	User Capacity	-
	Fingerprint User Capacity	3,000 / 10,000
	Fingerprint Register	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, SFTP
	Network Interface	10/100 Base-T Ethernet
Physical & Environmental	Power	12V DC, 2A
	Operating Temperature	0-50 humidity 10%-90%
	Dimensions	310 x 180 x 35mm
	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 **Synergy Touch** Biometric data capture hardware comes with a standard 1 Year Manufacturers Return to base warranty. This covers your device against manufacturing faults and defects only.

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

Popular Configurations

39001844 Synergy Touch with MIFARE reader, POE and WIFI. 10,000 template Suprema optical reader. Android operating system with self-service capability, black case.

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