

Synergy Face

Workforce Management with Facial Recognition



Product Datasheet

At a glance

Clocking in / out and registering break start / end via Facial Recognition.

Advanced security via three dimensional facial analysis - cannot be fooled by two dimensional images and photographs.

Manage other data such as labour levels, departments and tips.

Multiple identification methods - Facial Recognition, Card /Fob and PIN.



Synel's **Synergy Face** is a compact, easy to use capture device that brings facial recognition to your time & attendance solution. With six programmable function keys, plus in/out keys for shifts, breaks and lunches; additional data inputs such as labour levels, departments and piece rate can be set up.

With a robust design to withstand the demands of daily use by organisations with the largest of workforces, **Synergy Face** can store up to 4,000 employee face templates and features a high-sensitivity camera for accurate capture in low-light conditions. **Synergy Face** supports a choice of card and fob technologies (Mifare, Proximity, HID and HID iClass) can also be used, along with PIN via the built-in keypad.

Quick and easy administration and hassle-free operation

Enrolment of employees can be performed at any **Synergy Face** device across your solution. 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 stand in front of the camera to identify themselves.

High-performance facial recognition

Facial recognition templates are securely stored and only used for the identification of employees across **Synergy Face** devices. Recognition is performed in an instant and the technology is particularly useful in environments where other biometric technology, such as fingerprint scanning, is not suitable. Applications like warehouses where employees can pick up cuts or wear gloves is such an example.

Highly secure

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

To further enhance security, Synel's facial recognition algorithm cannot be fooled by 2-dimensional images, making it impossible for photographs to register on the system.

Use as part of a networked solution or stand alone

Synergy Face can be used as part of a networked solution with multiple devices across multiple sites but also, thanks to a built in USB port, data can also be pulled using a USB device from the clock itself making it suitable for small standalone applications.

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

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

Technical Specifications

General	Operating System	Linux
	Processor	TI DM 644 CPU 594 MHz
	Display	3.5" TFT Colour
	Keyboard	4*4 Touch Keyboard
Capacity	User Capacity	4,000 (Face) 10,000 (None Face)
	Fingerprint User Capacity	-
	Fingerprint Register	-
Memory	SD Card	-
Verification	Fingerprint	No
	Card/Fob	Yes
	QR Code	No
	Facial Recognition	Yes
Data & Network	Data Transmission Protocols	WiFi / TCP/IP / USB Host
	Network Interface	10/100 Base-T Ethernet
Physical & Environmental	Power	12V DC, 500mA
	Operating Temperature	0-50 humidity 10%-90%
	Dimensions	200 x 95 x 115mm
	External Reader Compatibility	Weigand
	Fingerprint Fake Identification Rate	-
	Fingerprint Identification Speed	-
	Facial Recognition Identification Rate	FAR <0.001% FRR <1%
	Facial Recognition Identification Speed	< 1 Sec
	Certification	CE, FCC, TUV, RoHS
	Mounting options	Wall Mount

Warranty

The **Synergy Face** 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 Face** 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

- 35000012 Synergy Face with Proximity reader and PSU. High accuracy facial recognition with 4,000 templates
- 35000016 Synergy Face with MIFARE reader and PSU. High accuracy facial recognition with 4,000 templates

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