

# Synergy Face

## Facial Recognition time and attendance with Touchless Capability



### Product Datasheet

#### At a glance

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

Touch free identification methods for a safe and hygienic contactless solution

Manage time and attendance such as clock in/out, breaks, labour levels, departments, and tips.



**Synergy Face** is a compact, easy to use capture device that brings facial recognition to your time & attendance solution, with options to create a completely contact-free solution.

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 and built-in Infra-Red illuminator for accurate capture in low-light conditions.

**Synergy Face** supports both 'recognise and go' and contactless buttons to provide a contactless and hygienic solution for clocking In and Out.

#### Truly touchless operation

**Synergy Face** can be configured to operate as 'recognise and go' which will automatically clock employees IN the first time they are recognised by the device and clock them OUT the next time they are recognised by the device.

To add confirmation for clocking in and out, the contactless button kit can be installed whereby the employee presents their hand to the relevant button in order to clock IN or OUT upon being recognised by the device.

Naturally, a host of card technologies can also be specified, including Proximity and Mifare, to be used either standalone or as touchless dual-factor identification.

All of these options negate the employee having to physically touch the device and deliver convenient, hygienic and reliable operation.



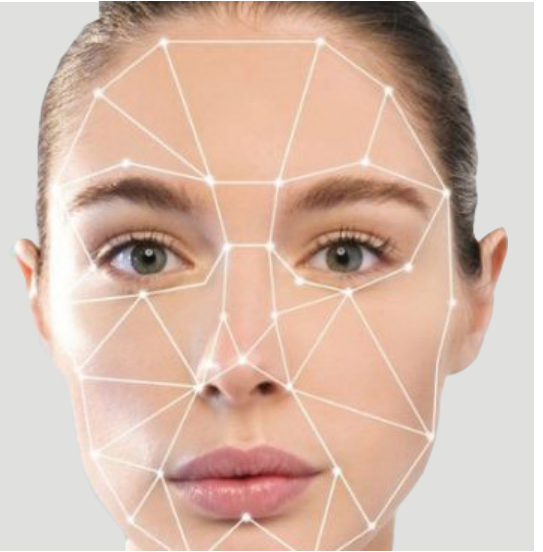
## High-performance facial recognition

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; and by combining PIN or card with facial recognition you can add an additional layer of security with dual-factor authentication.

To further enhance security, Synel's facial recognition algorithm cannot be fooled by two-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 fully integrated with Synergy Workforce, Synel's leading Workforce Management platform.

Synel is a pioneer in innovative workforce management solutions provider offering a full range of state-of-the-art biometric data capture and access control devices, including touchless and contactless solutions, alongside a powerful workforce management platform that can grow with your business.

- Synergy Workforce - Time & Attendance
  - Field Management
  - Time costing
  - Education (Student Registration)
- Electronic Documents
- Cashless
- Synergy Access - Access Control
- Synergy Visitor - Visitor Management
- Synergy Expenses - Expenses Management



As a full end-to-end provider, Synel also offers leading installation, commissioning and ongoing support and warranty services to give complete peace of mind.

## Compatible with third-party software platforms

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

## Technical Specifications:

Synergy Face	
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	N/A
Fingerprint register	N/A
Memory	
SD card	N/A
Verification	
Fingerprint	No
Card/Fob	Yes
QR code	No
Facial recognition	Yes
Contactless IN and OUT buttons	Yes, order separately
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	N/A
Fingerprint identification speed	N/A
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:

Synergy Face comes with a standard one-year Manufacturers Return to Base warranty.

With a Synel Support Package, the Synergy Face is covered for the life of your agreement. Please contact us for further information

## Ordering information:

35000012	Synergy Face with Proximity reader and PSU. High accuracy facial recognition with 4,000 templates, black case
35000016	Synergy Face with Mifare reader and PSU. High accuracy facial recognition with 4,000 templates, black case
CBU-KIT-F	Contactless button kit for use with Synergy Face devices, 1 x for IN and 1 x for OUT, flush mount, silver
CBU-KIT-S	Contactless button kit for use with Synergy Face devices, 1 x for IN and 1 x for OUT, surface mount, silver

Other configurations also available. Please contact us for further information.