

# SYNERGY 10 FACE



Biometric Time and Attendance data capture device with a 10" touch screen display

Synergy 10 Face provides a highly secure and robust method of performing a wide range of Time & Attendance and employee self-service functionality from clocking in and out and registering breaks, to requesting holiday, and checking balances.

Synergy 10 Face is equipped with a high resolution 10" touch screen and features a lightening quick and highly reliable built-in facial recognition camera with 20,000 face templates.



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## Large 10" Touch screen with instantaneous response

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Designed for busy organisations, employee credentials are quickly authenticated and clear icons make it easy to select the desired option, such as clock in or clock out.

If network connectivity is lost at any time, the device will continue to operate as normal in 'offline mode' and upload its data to the cloud once connection is restored.

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## Quick and easy enrolment

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Synergy 10 Face is available with 20,000 face templates, making it suitable for even the largest of organisations.

Employees can be enrolled at any Synergy 10 Face device installed across your solution.

Once enrolled, employees simply need to use their face to identify themselves and use the touch screen to perform the desired action, such as clock in or clock out.

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## Highly Secure with facial recognition



By utilising facial recognition technology, Synergy 10 Face increases the level of physical security across your business. Three dimensional facial analysis means it cannot be fooled by two dimensional 'spoofing' images and employees are prevented from clocking-in for one of their colleagues, which is commonly known as 'buddy punching'.

Synergy 10 Face also provides the ability to add an additional layer of security by way of dual authentication. It does so by supporting a wide range of card and fob technologies, such as Mifare, Proximity, HID, and HID iCLASS; as well as PIN entry via the device's touch screen.

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

Synergy 10 Face is seamlessly integrated with 'Synergy Workforce', Synel's own leading cloud-based workforce management software platform.

Users of the 'Synergy Projects' module in particular benefit from the large touch-screen display, which makes it easy to input activity codes, and the front facing camera that can be used to scan activity barcodes. A separate USB barcode reader can also be connected to the device.

## Workforce Management Solutions



### SYNERGY TIME & ATTENDANCE

Flexible and highly customisable T&A and HR solution to satisfy even the most complex work-rules and work-flow requirements.



### SYNERGY PROJECTS

Measure efficiency and analyse time spent on, and cost to complete, specific tasks or activities.



### SYNERGY DOCUMENTS

Store documents safely and securely in the cloud and attach to specific employee records.

### INTEGRATIONS

Synergy T&A seamlessly integrates with leading third-party providers to deliver accurate time & attendance information for HR and Payroll systems.

### ADD FIELD MANAGEMENT

Brings time costing and activity tracking to workers operating in the field with geo-location capability

## Compatible with third-party software platforms

Synergy 10 Face is also compatible with a host of third-party workforce management platforms.

## Part of the Synergy range of data capture devices



SYNERGY 5  
READER



SYNERGY 5  
FINGERPRINT



SYNERGY 5  
FACE



SYNERGY 5  
DUAL



SYNERGY 10  
READER



SYNERGY 10  
FINGERPRINT



SYNERGY 10  
FACE

## Warranty

Synergy 10 Face comes with a comprehensive return to base warranty as standard and options for ongoing warranty with a Synel Support Package.

Please contact us for more details

| Features     |                                      | Synergy 10 Face  |
|--------------|--------------------------------------|--|
| General      | Operating System                     | Android  |
|              | Processor                            | RK3288 quad-core Cortex-A17, 1.6GHz  |
|              | Protocol                             | SCP, SFTP, HTTP/HTTPS, 802.1x secured  |
|              | Memory                               | 2GB DDR  |
|              | Storage capacity                     | 16GB (expandable to 32 GB)   |
|              | Speaker                              | 1-way, 80hm, 1.5W  |
|              | Contactless buttons                  | Yes (optional)   |
| Display      | Size                                 | 10.1" TFT LCD Touchscreen  |
|              | Resolution                           | 1290 x 800   |
|              | Brightness                           | 300cd/m <sup>2</sup>   |
|              | Contrast                             | 1000:1   |
|              | Colours                              | 16M  |
|              | Touchscreen                          | 5 point capacitive. <48ms response>, 6H hardness, 85% luminescence   |
| Front panel  | Camera                               | Yes, 2MP   |
|              | Keypad                               | Keypad via touchscreen   |
|              | Supplementary lighting               | White & IR light   |
| Verification | Card/Fob reader                      | Yes - Mifare (13.56MHz), Proximity (125KHz), HID, HID iCLASS options   |
|              | Card/Fob read distance               | Mifare : 2.5 to 10 cm<br>Proximity : 0 to 5 cm   |
|              | Card/Fob read speed                  | <1 sec   |
|              | PIN                                  | Yes  |
|              | QR Code                              | Yes via front facing camera  |
|              | Barcode                              | Handheld via USB (sold separately)   |
|              | Fingerprint                          | -  |
|              | Facial Recognition                   | Yes<br>Lighting: White & IR light<br>Read speed: <1 second<br>Read distance: 1.5m max<br>Liveness detection: Yes<br>FAR: <0.001%<br>FRR: <1% |
| Capacity     | Fingerprint template capacity        | -  |
|              | Facial Recognition template capacity | 20,000   |

| Features                   |                             | Synergy 10 Face   |
|----------------------------|-----------------------------|---|
| Data & Network             | Data Transmission Protocols | Ethernet, 10/100/1000 adaptive, TCP/IP, UDP   |
|                            | Network Interface           | 10/100 Base-T Ethernet  |
|                            | Wifi                        | Standard - IEEE802.11 b/g/n (2.4G)  |
|                            | GPRS 4G                     | Optional  |
| Connectivity               | Rear ports                  | 1-way relay output, 1-way door button<br>1-way magnetic input, 1-way Wiegand input (Wiegand 26, 34, 66), 1-way Wiegand output (Wiegand 26, 34, 66), 1-way USB |
| Physical and Environmental | Power                       | 12V DC, 3A  |
|                            | PoE rating                  | IEEE802.3BT   |
|                            | Battery backup              | Yes - Standby 2H15Min, Operating 1H50Min (Polymer lithium battery)  |
|                            | Operating temperature       | 0-50°C, humidity 10%-90% (non-condensing)   |
|                            | Mouting options             | Wall mount  |
|                            | Dimensions (W x H x D)      | 310 x 175 x 32mm  |
|                            | Certification               | CE, FCC, TUV, RoHS  |

Ordering  
information**Synergy 10 Face - Facial recognition with 20,000 face templates and WIFI**

- 30002245 Synergy 10 Face WIFI - 10" touch screen with Mifare reader (read only) and self-service capabilities. 20,000 face templates, PoE and battery back-up, WIFI, black case
- 30002235 Synergy 10 Face WIFI - 10" touch screen with Proximity reader and self-service capabilities. 20,000 face templates, PoE and battery back-up, WIFI, black case
- 30002265 Synergy 10 Face WIFI - 10" touch screen with HID reader and self-service capabilities. 20,000 face templates, PoE and battery back-up, WIFI, black case
- 30002275 Synergy 10 Face WIFI - 10" touch screen with HID iCLASS reader and self-service capabilities. 20,000 face templates. PoE and battery back-up, WIFI, black case

READER AND FINGERPRINT RECOGNITION DEVICES ARE ALSO AVAILABLE IN THE SYNERGY 10 RANGE



Synel is an end-to-end supplier of workforce management solutions offering design, installation, commissioning, and on-going support to deliver complete peace of mind to its customers.

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