

SYNERGY 5 FINGERPRINT



Biometric Time and Attendance data capture device with a 5" touch screen display

Synergy 5 Fingerprint 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 5 Fingerprint is equipped with a high resolution 5" touch screen and features a reliable and robust biometric reader for fingerprint authentication, available with 25,000 fingerprint templates.



5" Touch screen with fast response

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.

Quick and easy enrolment

Synergy 5 Fingerprint is available with 25,000 fingerprint templates, making it suitable for even the largest of workforces.

Employees can be enrolled at any Synergy 5 Fingerprint device installed across your network, or via an optional enroller connected to a PC.

With biometric technology, employees simply need to place their finger on the reader to identify themselves.

Highly Secure with fingerprint identification



Synergy 5 Fingerprint supports a wide range of card and fob technologies, including Mifare, Proximity, HID and HID iCLASS, as well as PIN entry via the device's touch screen. You can also add an additional layer of security by combining authentication methods.

By utilising biometric fingerprint identification, Synergy 5 Fingerprint increases the level of physical security across your business. It also eliminates the potential risk of unauthorised card use and as such, will prevent employees from clocking in for another individual, known as 'buddy punching'.

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

Synergy 5 Fingerprint is seamlessly integrated with 'Synergy Workforce', Synel's own leading cloud-based workforce management software platform.

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 5 Fingerprint 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 5 Fingerprint 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 5 Fingerprint
General	Operating System	Android
	Processor	RK3288 quad-core Cortex-A17, 1.6GHz
	Protocol	SCP, SFTP, HTTP/HTTPS, 802.1x secured
	Memory	2GB DDR + 16GB EMMC
	Storage capacity	16GB EMMC (16GB SD card optional)
	Speaker	1-way, 80hm, 1.5W
	Contactless buttons	Yes (optional)
Display	Size	5" TFT Touchscreen
	Resolution	1080 x 720
	Brightness	350cd/m ²
	Contrast	1000:1
	Colours	16M
	Touchscreen	Yes
Front panel	Camera	Yes, 2MP
	Keypad	Yes
	Supplementary lighting	-
Verification	Card/Fob reader	Yes - Mifare (13.56MHz), Proximity (125KHz), HID, HID iCLASS options
	Card/Fob read distance	Mifare : 2.5 to 10 cm 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	Yes FAR: <0.0001% FRR: <0.1% Read speed: <2s
	Facial Recognition	-
Capacity	Fingerprint template capacity	25,000
	Facial Recognition template capacity	-

Features		Synergy 5 Fingerprint
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	Barcode scanner, Printer, Wiegand/Mag reader with 3 lines to control LEDs & buzzer, 2 xUSB2.0, Input-1 sensor, Output-1 relay-optional to increase relays by extension board
Physical and Environmental	Power	12V DC, 3A
	PoE rating	IEEE802.3AT/BT
	Battery backup	Yes - Standby 2H30Min, Operating 2H00Min (Lithium-ion battery)
	Operating temperature	0-50°C, humidity 10%-90% (non-condensing)
	Mouting options	Wall mount
	Dimensions (W x H x D)	230 x 130 x 35mm
	Certification	CE, FCC, TUV, RoHS

Ordering
information**Synergy 5 Fingerprint - Suprema optical fingerprint reader with 25,000 templates and WiFi**

- 39255045 Synergy 5 Fingerprint WIFI - 5" touch screen with Mifare reader (read only) and PoE. 25,000 template Suprema optical reader, battery back-up, WIFI, black case
- 39255035 Synergy 5 Fingerprint WIFI - 5" touch screen with Proximity reader and PoE. 25,000 template Suprema optical reader, battery back-up, WIFI, black case
- 39255065 Synergy 5 Fingerprint WIFI - 5" touch screen with HID reader and PoE. 25,000 template Suprema optical reader, battery back-up, WIFI, black case
- 39255075 Synergy 5 Fingerprint WIFI - 5" touch screen with HID iCLASS reader and PoE. 25,000 template Suprema optical reader, battery back-up, WIFI, black case

READER, FINGERPRINT, AND DUAL DEVICES ARE ALSO AVAILABLE IN THE SYNERGY 5 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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