

SYNERGY 5 DUAL



Dual biometric Time and Attendance device with 5" touch screen display

Synergy 5 Dual 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.

Featuring both a highly accurate fingerprint reader and a built-in high sensitivity camera for employee facial recognition, Synergy 5 Dual delivers a highly secure and convenient method of accessing a wide range of time and attendance functionality.





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

Employees simply need to enrol their fingerprint and/or their face on just one Synergy 5 Dual device, and other devices they are authorised to use on the network are automatically updated.

With the ability to securely store up to 25,000 fingerprint and 20,000 face templates, Synergy 5 Dual provides a solution where a mix of fingerprint and facial recognition needs to be used, or for where dual authentication is important for an additional layer of security.



Highly Secure with fingerprint and facial recognition technology

Synergy 5 Dual will prevent an employee from clocking-in for one of their colleagues, which is commonly known as 'buddy punching' and by using either fingerprint verification or three dimensional facial analysis technology, your organisation can increase the levels of physical security.

For privacy purposes, employee fingerprint and facial recognition templates are securely captured and stored as specialist algorithms only, and cannot be reproduced as an image.

Synergy 5 Dual also provides the ability to support a wide range of card and fob technologies, such as Mifare, Proximity, HID and HID iCLASS. These can also be used with a PIN, which is entered via the keyboard.



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

Synergy 5 Dual 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

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



SYNERGY

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 Dual 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

Warranty

Synergy 5 Dual 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



SYNERGY 5 DUAL



SYNERGY 10 READER



SYNERGY 10 FINGERPRINT



SYNERGY 10 FACE



Operating System	Features		Synergy 5 Dual
Protocol SCP. SFTP, HTTP/HTTP, 802.1x secured		Operating System	Android
Memory 2GB DDR + 16 GB EMMC		Processor	RK3288 quad-core Cortex-A17, 1.6GHz
Storage capacity Speaker 1-way, 80hm, 1.5W Contactless buttons Yes (optional) Size Resolution Brightness 350cd/m² Contrast 1000:1 Colours 16M Touchscreen Yes Camera Yes, 2MP Front panel Keypad Supplementary lighting White & IR light Card/Fob read distance Card/Fob read distance Card/Fob read speed Yes PIN OR Code Verification Facial Recognition Facial Recognition Facial Recognition Separately FRR: <0.0001%		Protocol	SCP. SFTP, HTTP/HTTP, 802.1x secured
Speaker 2-way, 80hm, 1.5W	General	Memory	2GB DDR + 16 GB EMMC
Contactless buttons Size Front panel Card/Fob read speed Card/Fob re		Storage capacity	16GB EMMC (16 GB SD card optional)
Size 5"TFT Touchscreen Resolution 1080 x 720 Brightness 350cd/m² Contrast 1000:1 Colours 16M Touchscreen Yes Camera Yes, 2MP Keypad Yes Supplementary lighting White & IR light Card/Fob read distance Mifare : 2.5 to 10 cm Card/Fob read distance Mifare : 2.5 to 10 cm Card/Fob read speed <1 sec PIN Yes QR Code Yes via front facing camera Verification Facial Recognition Pacial Read speed: 2 second Read speed: 2 second Read speed: 2 second Read speed: 1 second Read distance: 1.5m max Liveness detection: Yes FAR: -0.001% FRR: -1.9% Fingerprint template capacity 25,000 Capacity Festive Insertation to provide the property of the provided speed		Speaker	1-way, 80hm, 1.5W
Resolution 1080 x 720 Brightness 350cd/m² Contrast 1000:1 Colours 16M Touchscreen Yes Camera Yes, 2MP Front panel Keypad Yes Supplementary lighting White & IR light 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 Handheld via USB (sold separately) Yes Fingerprint Yes Read speed: 2 second Read distance: 1.5m max Liveness detection: Yes FAR: <0.0001% FRR: 40.001% FRR: 40.001% FRR: 40.0010% FRR: 40.001% FRR: 50.0001% FRR: 50.0001		Contactless buttons	Yes (optional)
Display Contrast Colours 16M Touchscreen Yes Camera Yes, 2MP Keypad Supplementary lighting White & IR light Card/Fob reader Card/Fob read distance Card/Fob read distance Card/Fob read speed Card/Fob read speed Card/Fob read speed Fingerprint Pin Parial Recognition Facial Recognition Fingerprint template capacity Fingerprint template capacity Facial Recognition		Size	5" TFT Touchscreen
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Colours Colours 16M Touchscreen Yes Camera Yes, 2MP Front panel Keypad Yes Supplementary lighting Card/Fob reader Card/Fob read distance Card/Fob read distance Card/Fob read speed PIN Yes QR Code Yes via front facing camera Handheld via USB (sold separately) Yes Fingerprint Fingerprint Facial Recognition Facial Recognition Fingerprint template capacity Facial Recognition Facial Recognition template capacity	Display	Brightness	350cd/m²
Touchscreen Camera Yes, 2MP Front panel Keypad Supplementary lighting Card/Fob reader Card/Fob read distance Card/Fob read distance Card/Fob read speed PIN QR Code Yes via front facing camera Handheld via USB (sold separately) Yes Fingerprint Facial Recognition Fingerprint template capacity Facial Recognition Yes Fingerprint template capacity Facial Recognition Yes France Yes Yes France Yes Lighting: White & IR light Read speed: <1 second Read distance: 1.5m max Liveness detection: Yes FAR: <0.001% FRR: <1% Fingerprint template capacity Capacity		Contrast	1000:1
Front panel Keypad Yes Supplementary lighting White & IR light Yes - Mifare (13.56MHz), Proximity (125KHz), HID, HID ICLASS options Card/Fob read distance Card/Fob read distance Mifare : 2.5 to 10 cm Proximity : 0 to 5 cm Card/Fob read speed PIN Yes PIN QR Code Yes via front facing camera Handheld via USB (sold separately) Yes FAR: <0.0001% FRR: <0.1% Read speed: <2 seven of the common of		Colours	16M
Front panel Keypad Supplementary lighting Card/Fob reader Card/Fob reader Card/Fob read distance Card/Fob read speed Card/Fob reader Fingerprint Yes FAR: <0.0001% FAR: <0.0001% FRR: <1% Facial Recognition Fingerprint template capacity Capacity Facial Recognition speed to		Touchscreen	Yes
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Verification Fingerprint Facial Recognition Fingerprint Facial Recognition Facial		PIN	Yes
Fingerprint Fingerprint Fingerprint Facial Recognition Facial Recognition template capacity Facial Recognition template capacity		QR Code	Yes via front facing camera
Fingerprint FAR: <0.0001% FRR: <0.1% Read speed: <2s Yes Lighting: White & IR light Read speed: <1 second Read distance: 1.5m max Liveness detection: Yes FAR: <0.001% FRR: <1% Fingerprint template capacity Capacity Facial Recognition template capacity	Verification	Barcode	Handheld via USB (sold separately)
Facial Recognition Facial Recognition template capacity Facial Recognition template capacity		Fingerprint	FAR: <0.0001% FRR: <0.1%
Capacity Facial Recognition to malate capacity		Facial Recognition	Lighting: White & IR light Read speed: <1 second Read distance: 1.5m max Liveness detection: Yes FAR: <0.001%
	Capacity	Fingerprint template capacity	25,000
		Facial Recognition template capacity	20,000



Features		Synergy 5 Dual
Data & Network	Data Transmission Protocols	Ethernet, 10/100/1000 adaptive, TCP/IP, UDP
	Network Interface	10/100 Base-T Ethernet
	Wifi	Optional - 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	IEEE802.3BT
	Battery backup	Yes - Standby 2H00Min, Operating 1H40Min (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



	Synergy 5 Dual - Dual biometric technology 20,000 face templates and 25,000 fingerprint templates
	39005143 Synergy 5 Dual - Dual biometric 5"touch screen with Mifare reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, black case.
	39005133 Synergy 5 Dual - Dual biometric 5" touch screen with Proximity reader and PoE. High accuracy fa cial recognition with 20,000 templates, 25,000 template Suprema optical reader, battery back-up, black case.
	39005163 Synergy 5 Dual - Dual biometric 5" touch screen with HID reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, black case.
Ordering	39005173 Synergy 5 Dual - Dual biometric 5" touch screen with HID iCLASS reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, black case.
information	Synergy 5 Dual WIFI - Dual biometric technology 20,000 face templates and 25,000 fingerprint templates with WIFI
	39005145 Synergy 5 Dual WIFI - Dual biometric 5" touch screen with Mifare reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, WIFI, black case.
	39005135 Synergy 5 Dual WIFI - Dual biometric 5" touch screen with Proximity reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, WIFI, black case.
	39005165 Synergy 5 Dual WIFI - Dual biometric 5" touch screen with HID reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, WIFI, black case.
	39005175 Synergy 5 Dual WIFI - Dual biometric 5" touch screen with HID iCLASS reader and PoE. High accuracy facial recognition with 20,000 face templates, 25,000 template Suprema optical reader, battery back-up, WIFI, black case.



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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