SYNERGY /F DUAL

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

Synergy F 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 F 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 F Dual device, and other devices they are authorised to use on the network are automatically updated.

With the ability to securely store up to 10,000 fingerprint and 3,000 face templates, Synergy F 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 F 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 F 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 F 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 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 F Dual is also compatible with a host of third-party workforce management platforms.

Warranty

Synergy F 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

Part of the Synergy range of data capture devices

SYNERGY F READER

SYNERGY F FINGERPRINT

SYNERGY F FACE

SYNERGY F DUAL

SYNERGY T READER

SYNERGY T FINGERPRINT

SYNERGY T FACE

Features		Synergy F Dual
General	Operating System	Android
	Processor	RK3288 quad-core Cortex-A17, 1.6GHz
	Protocol	SCP. SFTP, HTTP/HTTP, 802.1x secured
	Memory	2GB DDR + 16 GB EMMC
	Storage capacity	16GB EMMC (16 GB SD card optional)
	Speaker	1-way, 80hm, 1.5W
	Contactless buttons	Yes (optional)
Display	Size	5" TFT Touchscreen
	Resolution	1080 x 720
	Brightness	350cd/m²
	Contrast	1000:1
	Colours	16M
	Touchscreen	Yes
Front panel	Camera	Yes, 2MP
	Keypad	Yes
	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 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	Yes Lighting: White & IR light Read speed: <1 second Read distance: 1.5m max Liveness detection: Yes FAR: <0.001% FRR: <1%
Capacity	Fingerprint template capacity	10,000
	Facial Recognition template capacity	3,000

Features		Synergy F 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-1relay-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

Ordering information

Synergy F Dual - Dual biometric technology 3,000 face templates and 10,000 fingerprint templates

39005143   Synergy F Dual - Dual biometric 5"touch screen with Mifare reader and PoE. High accuracy facial recognition with 3,000 face templates, 10,000 template Suprema optical reader, battery back-up, black case.

39005133   Synergy F Dual - Dual biometric 5" touch screen with Proximity reader and PoE. High accuracy fa cial recognition with 3,000 templates, 10,000 template Suprema optical reader, battery back-up, black case.

39005163   Synergy F Dual - Dual biometric 5" touch screen with HID reader and PoE. High accuracy facial recognition with 3,000 face templates, 10,000 template Suprema optical reader, battery back-up, black case.

39005173   Synergy F Dual - Dual biometric 5" touch screen with HID iCLASS reader and PoE. High accuracy facial recognition with 3,000 face templates, 10,000 template Suprema optical reader, battery back-up, black case.

Synergy F Dual WIFI - Dual biometric technology 3,000 face templates and 10,000 fingerprint templates with WIFI

39005145   Synergy F Dual WIFI - Dual biometric 5" touch screen with Mifare reader and PoE. High accuracy facial recognition with 3,000 face templates, 10,000 template Suprema optical reader, battery back-up, WIFI, black case.

39005135   Synergy F Dual WIFI - Dual biometric 5" touch screen with Proximity reader and PoE. High accuracy facial recognition with 3,000 face templates, 10,000 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 3,000 face templates, 10,000 template Suprema optical reader, battery back-up, WIFI, black case.

39005175   Synergy F Dual WIFI - Dual biometric 5" touch screen with HID iCLASS reader and PoE. High accu-racy facial recognition with 3,000 face templates, 10,000 template Suprema optical reader, battery back-up, WIFI, black case.

READER,FINGERPRINT, AND FACIAL RECOGNITION 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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