



Pair the SYnergy/A with your time and attendance software to provide employees a secure method for clocking in/out for shifts/breaks, while eliminating buddy punching. Device can also perform job transfers, collect tip info, etc.



SYnergy/A quickly identifies each employee by fingerprint. Add verification options such as badge or PIN to increase security and eliminate buddy punching. Terminal is plastic, wall mountable, and accommodates 10k employees.



SYnergy/A achieves fast matching times while performing complex operations at the clock. Four user-programmable function keys plus in/out keys. Updates and patches can be applied remotely. Completely encrypted communications.

Specifications

BIOMETRIC AUTHENTICATION

Authentication Methods	FP, PIN, FP & PIN, FP & Card, FP & Camera
Backup Battery RTC	3 hours (120 minutes operational backup)
Camera	1.3MP Color Camera
Capacity w/ Photo	20,000 employees
Capacity w/ photo & 2 Prints	5,200 employees
Capacity w/o Photo	676,000 employees
Certifications	Yes
Communication Option	GPRS (Cellular), WiFi, Ethernet (TCP/IP), RS232/485
Coupon Printer	Optional
Data Transmission Protocols	RCP/IP/HTTP/HTTPS, RS485/232, USB, WiFi (WPA2-Enterprise TKIP or AES)
Display	3.5" Color TFT LCD; 320x240 pixels
Environment	Temperature 5-45°C, humidity 10%-90%
External Reader	Optional
Fake Identification Rate	Fingerprint Identification < 1 second, Card Identification < 0.2 seconds

Fingerprint Unit	SmackBio or Suprema
FP Template Size	SmackBio - 1.4KB, Suprema - 768 Bytes
High Speed Processor	ARM9-400MHz
Input	1 Input
Keyboard	6 function keys, 10 alphanumeric keys, menu key
Network Interface	10/100 Base-T Ethernet
Operating system	Advanced Linux Open Source embedded OS
Physical Dimensions	210x145x48mm
Power	DC 12V, 2A, 100-240, POE optional
Registered FP Capability	3K, 9K, 10K
SD-card	Can be added - up to 32GB
Sound	Yes
Supported Readers	Magnetic, Barcode, Proximity, HID, Mifare, iClass
USB (memory device)	2 USB 2.0 Ports