



Pair the SYnergy/A20 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/A20 quickly identifies each employee by fingerprint. Add verification options such as badge or PIN to increase security and eliminate buddy punching. Terminal is plastic and wall mountable.



SYnergy/A20 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	20,000 employees
Certifications	TUV, CE
Communication Option	GPRS (Cellular), Wi-Fi, Ethernet (TCP/IP)
Coupon Printer	Optional
Data Transmission Protocols	TCPIP, HTTP, HTTP/S, SFTP
DDR3 RAM	1 GB
Display	3.5" Color TFT LCD; 320x240 pixels
Environment	Temperature 0-50°C, humidity 10%-90%
External Reader	Optional
Fake Identification Rate	Fingerprint Identification <1 second, Card Identification <0.2 seconds
Fingerprint Unit	SmackBio
FP Template Size	SmackBio - 1.4KB
High Speed Processor	A20 - Dual-core 1.0 GHz

Input	1 Input
Keyboard	6 function keys, 10 alphanumeric keys, menu key
Network Interface	10/100, auto
Operating System	Linux 3.4.79
Output	1 Relay
Physical Dimensions	210x145x48mm
Power	DC 12V, 2A, 100-240, POE optional
Registered FP Capability	3K, 10K
SD-card	Can be added - up to 32GB
Sound	Yes
Supported Readers	Magnetic: Track I & Track II Barcode: Code 39, Code 128, Interleaved 2 of 5, UPC Mifare: 14443 type A 13.56 MHZ 14443 type B 13.56 MHZ (custom) HID: 125 KHZ proximity HID iClass: iClass cards 13.56 MHZ Proximity: 125 KHZ EM chip
USB (memory device)	2x USB 2.0