



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

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| 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 | 30,000 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 | Suprema |
| FP Template Size | Suprema - 768 Bytes |
| High Speed Processor | A20 - Dual-core 1.0 GHz |

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|--------------------------|--|
| 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 | 9,050 |
| 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 |