SYnergy/A (CAS)

SYNEL AMERICAS

Software Hardware Accessories



Pair the SYnergy/A with your time and attendance software to provide employees with 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 DATA CAPTURE FOR WORKPLACE ATTENDACE

Operating System	Advanced Linux Open Source embedded OS
High speed processor	ARM9-400MHz
Capacity with photo	20,000 employees
Capacity w/o photo	676,000 employees
Capacity w/ photo & 2 prints	5,200 employees
Authentification methods	FP, PIN, FP & PIN, FP & Card, FP & Camera
Fingerprint Unit	CAS
FP Template Size	CAS - 768 Bytes
Registered FP Capability	9,050
Internal Readers	MAG/Barcode/Prox EM/Prox Wiegand, Mifare
Fake Identification Rate	Fingerprint Indentification: < 1 sec Card Indentification: < 0.2 sec
Supported Readers	Magnetic, Barcode, Proximity, HID, Mifare, iClass

DTP	Less than 1 second
Network Interface	10/100 Base-T Ethernet
Communication option	GPRS (Cellular), WiFi, Ethernet (TCP/IP), RS232/485
External reader	Optional
USB (memory device)	2 USB 2.0 Ports
SD-card	Can be added - up to 32GB
Power	DC 12V, 2A, 100-240, POE optional
Environmen	Temperature 5-45°C Humidity 10%-90%
Physical Dimensions	210x145x48mm
Display	3.5” Color TFT LCD; 320x240 pixels
Camera	1.3MP Color Camera
Output	1 Relay
Input	1 Input
Keyboard	6 function keys, 10 alphaneumeric keys, menu key
Backup battery RTC	3 hours