

# **Cyber S.A.M.™**

**Security Access Manager**

## **Features & Benefits**

- Controls virtually any magnet or electrical locks
- Indoor/Outdoor use
- Operates on standard lock system 12/24V power supplies
- Web-based control, management, and logging
- Supports Wiegand prox readers and keypads
- Supports IP Cameras
- Unlimited number of system users
- Unlimited number of readers per system
- Unlimited number of physical locations
- Optional input/output/relay controllers allow full customization
- Amazing price!

## **Highlights**

- Nearly instant fingerprint response time: typically under 0.25 seconds
- High quality housing, machined from a solid aluminum block, protects against harsh environmental conditions
- Fits a standard single-gang light switch box

## **Biometric Access System**



**Fingerprint Reader**

## **Applications**

- Airport Security
- Military and Government Organizations
- Government Contractors
- Educations Institutes
- Large Corporations and Small Businesses
- Financial Institutions
- Pharmacies and Hospitals
- Homes and Gated Communities



### Fingerprint Reader

Faceplate Dimensions	2.8" W x 4.56" H
Housing Dimensions	Standard Single Gang Electrical Box
Voltage	12/24 VDC
Current Requirements	Max 0.12 A
Output Relay	10 A
Operating Temperature	-10 to 60° C -14 to 140° F
Access Indicators	Highly visible green and red LED lights and audible signal

### Fingerprint Identification

Matching	1:1 or 1:N
False Acceptance Rate	0.001%
False Rejection Rate	0.3% (Adjustable)
Fingerprint Image	500 dpi
Response Time	< 0.25 seconds
Enrollment	Unlimited number of people
Prints per person	Up to 10

### Onboard Connections

- Ethernet (DHCP and SSL 100Mbps to controller)
- Power Input 12/24 VDC: Max 0.12 A
- SPDT 10 Amp relay integrates with most electric locks
- Door Sensor Input (for dry contacts)
- Wiegand Input
- Power Output for Wiegand Device 5VDC

### **Web-Based Management Software**

- Web-based and easy to use
- Enroll 1 or more fingers for each person in the system
- Multiple access options with fingerprint only, Wiegand only, or dual factor authentication
- Configure “Reader Groups” for easy management of specific doors in designated areas
- Configure “User Groups” for easy user role management of specific people
- Control access by time of day, day of week, user group, reader group, door, person, etc.
- Optional dual-authentication combines biometric technology with other devices
- Unlimited People, User Groups, Doors, Reader Groups, and Access Rules
- Integrated IP Cameras available
- Stores detailed access and activity logs
- Control unlimited fingerprint readers
- Allows multiple physical locations on a single system
- Designate a “Panic” finger to trigger a silent alarm
- Windows server software also available



**Controller**

### Relay Box (Optional)

- 8 ea. 10 Amp Relays with 3-contact Terminal blocks for 12-22 AWG wire
- 10" Wide x 10" High x 4" Deep NEMA Enclosure
- 1 RJ-12 Modular phone jack for RS232 output on next relay board (daisy chain)
- Daisy Chain up to 16 relay boards
- Input Power: 12 Volts DC
- RS232 or IP-Network connection to Cyber SAM controller
- Operating Temperature and Humidity: -10° to 60° C -14 to 140° F

