

AX.S SERIES Embedded Access Control

Access Manager

AM300

OVERVIEW

The Web-based Access Manager 300 (AM300) is an access controller that includes an embedded software application for system administration, user setup, and event viewing. Designed for small businesses or branches, this affordable yet powerful solution offers multiple configurations and delivers access control for up to eight access points (readers).



When implemented with optional OC8/IC8 extension module(s), a single reader allows users to selectively open specific access points (up to 24), eliminating Fingerprint Keys or Wiegand readers at every access point. This alternative configuration is ideal in retail, healthcare, and banking facilities where users need to open a specific display case, cabinet, drawer, safe, or server cabinet. The AM300 protects valuable assets and data, while eliminating keys and cards. One AM300 reduces equipment requirements, installation time and costs, while increasing the system's usability and widening its employment scope.

The AM300 connects up to eight Fingerprint Keys or eight Wiegand RFID readers or a combination of both using supplementary AD500 Door Units. With the integration of AXIAL software or other open source protocols, an unlimited number of AM300 controllers can be managed across multiple sites. The flexibility of a modular design combined with local power to connected readers makes this system easy to install and integrate into virtually any organization.

EASY TO USE

The AM300 houses the embedded application, so there is no server or software to install. Data is directly configured and managed on the Access Manager. To access the application, users simply type in the IP address of an AM300 directly into any web browser, log in to the system, and the screen displays the application menu. Events and status messages are logged and monitored easily via the web interface or management software.

Features

- Embedded access control application software
- Administration through a standard web browser
- Up to eight readers locally
- Local 1,000 users/10,000 events
- 24 selectable inputs/outputs from one reader with OC8/IC8 extension modules
- Access system status reporting/audit trail
- Scheduled backup of configuration and event log data
- Alert notifications via e-mail
- Universal plug and play (UPnP)
- 10/100 Mbps Ethernet connection
- RS485 or Wiegand communication with Door Units
- Less hardware/low-cost solution
- Supports cards, PINs, and biometrics
- SOAP/REST Web Service support

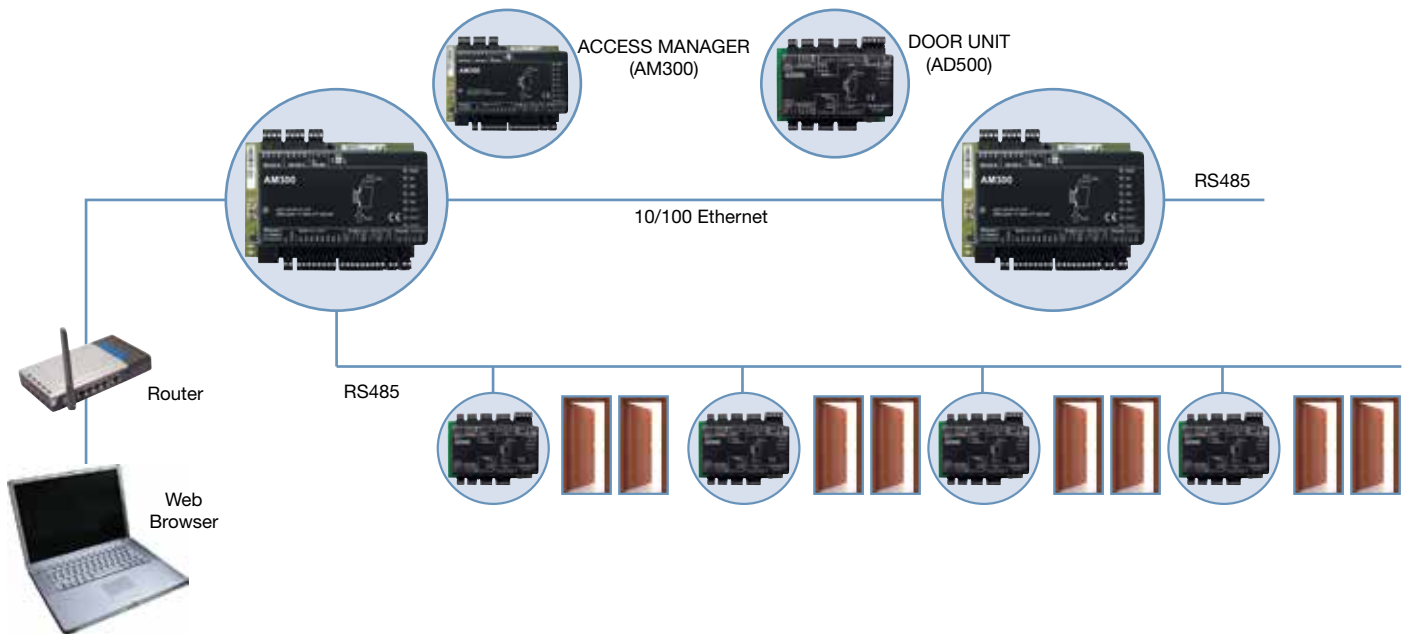
Compatibility

- Fingerprint Key (Kaba I.AM)
- HID Proximity
- HID iCLASS®
- Other cards available (check for compatibility)

SPECIFICATIONS

External Readers	Kaba AR402 Fingerprint Key (Kaba I.AM), HID Proximity, HID iCLASS, and more
Access Points.....	Up to eight with expansion through supported utilities
Protocols.....	TCP/IP, DHCP, TFTP, ICMP, IPv4, HTTP, HTTPS, SSL, FTP, SNMP
Mechanical.....	DIN rail mounted with removable screw terminations of field hardware Mounts in standard third-party locking enclosures
Installation.....	Environmentally controlled areas
Power.....	12 to 28 VDC; typical power consumption is 3.6 W up to 15 W
Dimensions.....	4.9 x 3.9 x 1.8" (125 x 99 x 45 mm) / without DIN rail mounting
Packaged Weight53 lb. (240 g)
Operating Temperature.....	32 to 122 °F (0 to 50 °C)
Relative Humidity	0 to 95%, non-condensing
Access Manager Interface	Ethernet 100 Mbps, RS485, extension modules, four inputs, one input for tamper switch, three relay outputs
Protection.....	Protection class according to IEC 60529: IP40
Housing and Installation	Plastic housing for installation on DIN rail (125 mm) Flammability class: HB (UL94)

SYSTEM DIAGRAM



CERTIFICATIONS



environmentally
friendly



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KAA1295 0413

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