AX.S SERIES Embedded Access Control
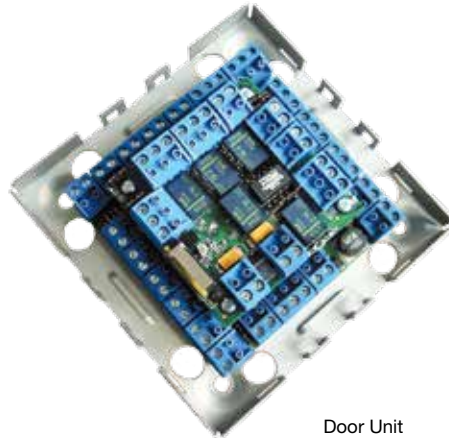
Alarm Interface Unit

AA200

OVERVIEW

The Kaba Alarm Interface Unit solves one of the toughest problems with securing a building – false alarms. By fully integrating biometric access control with the alarm system, Kaba Alarm Interface units eliminate many of the common causes of false burglar alarms. Before someone enters a building, the individual turns off the alarm through our biometric reader, the Fingerprint Key. This ensures that individuals do not enter the building without disarming the alarm, and only those who are authorized to turn on/off the alarm can enter.

According to the Department of Justice, U.S. police respond to approximately 36 million alarm activations annually, costing municipalities an estimated $1.8 billion. Of these 36 million calls, 98 percent are false alarms. The Kaba Alarm Interface Unit helps reduce false alarms by minimizing the No. 1 cause – user error.

Door Unit
w/ Alarm Interface

False Alarms Eliminated
- Before entering facility via access control, alarm is disarmed at Fingerprint Key
- Alarm system armed/disarmed with full authentication through Fingerprint Key
- I.AM Fingerprint Key offers a level of authentication that truly eliminates false alarms. This level is unobtainable by Card and PIN.
- Fingerprint biometrics = authentication
- System armed/disarmed from exterior Fingerprint Key, eliminating time pressure
- Only authorized users can arm or disarm from Fingerprint Key
- Supervisor first
- Access group does not validate user

ACCESS CONTROL-ALARM SYSTEM INTEGRATION

- Standard alarm panel functions
  - Interfaces with keyswitch arm/disarm zone
  - Monitors "system ready" status
  - Alarm system keypad can arm/disarm alarm
  - Monitors "armed" status
  - Multiple programmed users are not needed

- Standard access control features
  - Biometrics: Distribution without template subsystem; no server, no software
  - Access: Arm/disarm with the same Fingerprint Key
  - Fingerprint Key can arm/disarm alarm system
  - Alarm system status logged on access control system's log
  - Authorized user event logged when system is armed/disarmed
  - Deleting user from access system removes alarm system arm/disarm rights

PORTABILITY

- Access control log available remotely
  - Open/close times, authorized users, alarm status can be obtained remotely
- Authorized user rights for access and alarm can be deleted from system remotely
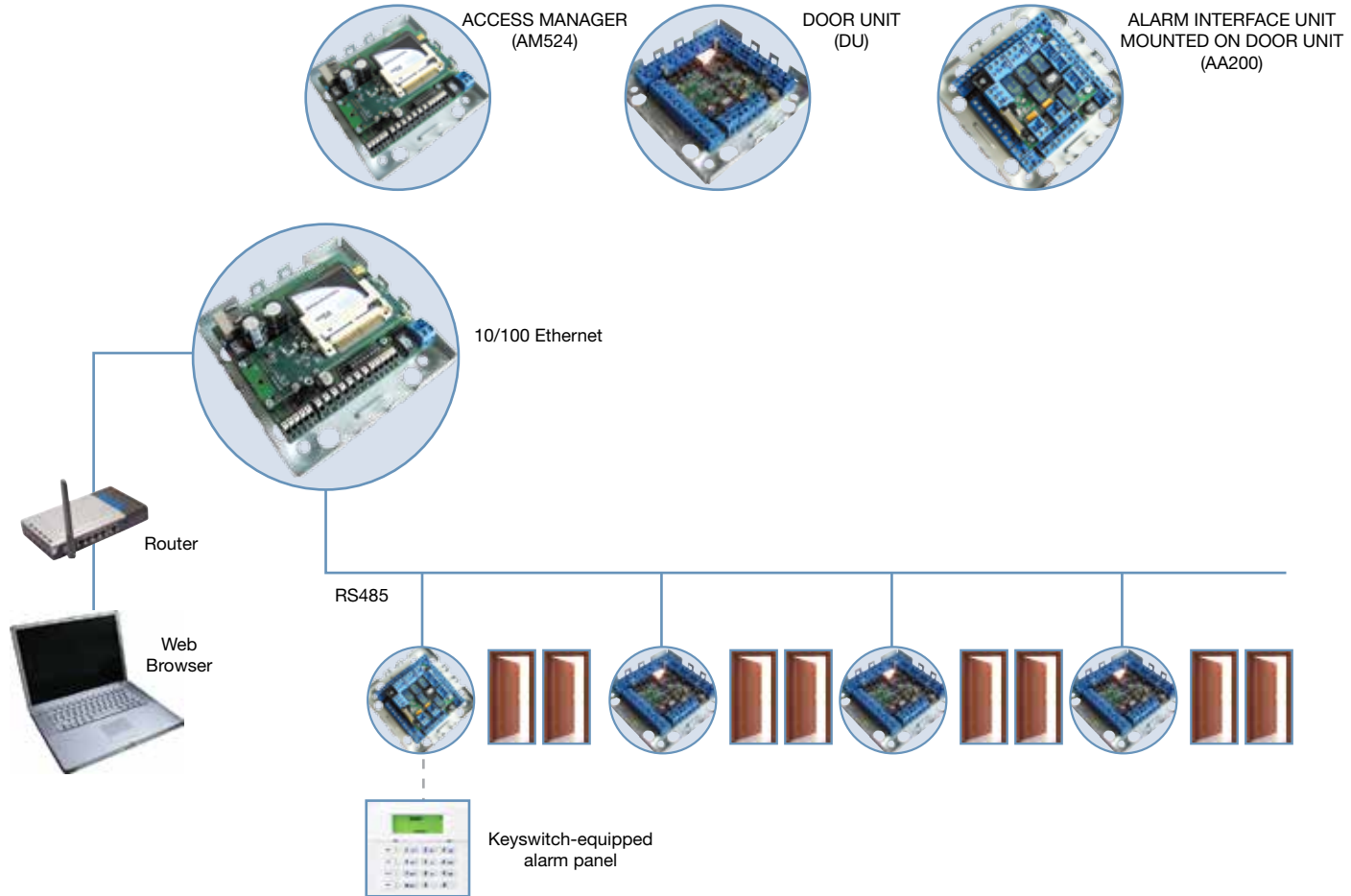
INTUITIVE

- Intelligent module: Alarm Interface Unit connects to any alarm panel keyswitch
- Mounts directly on Door Unit (shown above)

SPECIFICATIONS

Mechanical.................................Mounts directly on top of Door Unit module

Installation.................................Environmentally controlled areas

Power...Input: 12 to 24 VDC (24 VDC recommended) // Load: 75 mA 12 VDC

Dimensions.................................2.4 x 2.4 x 0.6 in (60 x 60 x 15 mm)

Packaged Weight .... .20 lb (91 g)

Operating Temperature............32 to 104 °F (0 to 40 °C)

Relative Humidity ....0 to 85%, non-condensing

Interface.....................................Host: 1 dedicated // 4 x inputs, 3 x outputs, 1 x relay

SYSTEM DIAGRAM

ACCESS MANAGER
(AM524)

DOOR UNIT
(DU)

ALARM INTERFACE UNIT
MOUNTED ON DOOR UNIT
(AA200)

10/100 Ethernet

Router

Web
Browser

RS485

Keyswitch-equipped
alarm panel

CERTIFICATIONS

environmentally
friendly

KAA1292 0413

BEYOND SECURITY

KABA ®