

## AX.S SERIES Embedded Access Control

# Door Unit

## DU

### OVERVIEW

Supported by the Kaba Access Manager 524, the Door Unit provides the interface for all access point control hardware and readers. Each Door Unit provides two reader connections supporting multiple door modes, such as single door secured exit or two individual doors using a "Request for Exit" configuration.

Up to twelve Door Units are supported by the AM524 controller series with each supporting two reader connections for a total of twenty-four locally connected readers.

When configured using an AM524, the Door Unit supports all standard access control readers using an RS485 or Wiegand data connection.

The Door Unit connects easily with an AM524 using an RS485 connection to provide a scalable solution by simply adding additional Door Units for distances up to 4,000 feet. All Door Unit connections come with pre-defined factory defaults that can easily be customized from a supported AM524's built-in access control application software.

### STANDARDS SUPPORT

The Door Unit and AM524 controllers were developed around open standards supporting XML data format, SOAP for easy XML-based message integration and platform-independent Java application software. The integrated Web server and embedded access control application allow for easy access and setup via any standard Web browser. This eliminates the need for traditional PC-based servers and client-side administration software while providing a powerful and economical hardware controller solution.

### EASY TO USE

The Door Unit provides connections for all standard door hardware monitoring and control devices. Each on-board connector can be removed, providing ease in terminating field cabling to connectors when installing the Door Unit module.



### Features

- Reader inputs (Wiegand/RS485 config.)
- Local power to readers
- REX device inputs
- Tamper/lockdown
- I/O remapping via Access Manager 524 embedded application software
- Reader audio and visual control
- Locking hardware/sounder control
- Frame contact status monitoring
- RS485 communication with Access Manager 524s

### Compatibility

The Door Unit supports all standard access reader types:

- Fingerprint Key (Kaba I.AM)
- HID proximity
- HID iCLASS®
- AWID
- Legic
- MIFARE
- EM
- Hitag
- Smart card

ISO 15693/ISO 14443A

