

# KEN-OL-DA Network Controller



A X E Z E

RFID Access Control Products



## Overview

The KEN-OL-DA is a single door reader/controller with full off-line functionality, which is managed by the Axeze Network Management System (NMS) PC software. It uses read only RFID transponders that cannot be duplicated. It controls the strike and manages inputs from door and PTX switches. The Dual Antenna controller has an in-built antenna that allows reading from both the inside and outside of the access point. It does not report which side received a tag. The AAA-02 and WPA-03 external readers may be used with the KEN-OL-DA

## Network Protocols

See "Axeze Network System Datasheet"

## Real Time Clock

The KEN-OL-DA contains a Real Time Clock (RTC) that is maintained by the Network Management system when it is in the On-Line mode and by the Universal interface (AUI) when it is in the Off-Line mode. The AUI's RTC is battery backed and therefore will restore the correct time via regular broadcasts of the current date and time to any reader which experiences a power failure.

## Indicator LEDS

Solid Red	Interrogating mode
Solid Yellow	Valid card without access rights in range
Flashing Yellow	Network Busy
Solid Green	Valid card with access rights in range

## ID display on LEDs at power up

The tens digit	Green flashes
The unit's digit	Yellow flashes

## Relay

2 sets 30V/1A contacts  
NO/NC Mode selected by LK5 and LK6. External Diode protection required when used with inductive loads.

## Sounder

Signals unlock state

## Connections

**CON1** (Left to right)  
Antenna coil

## Antenna coil

Red LED  
Green LED  
Sounder

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The above specifications are subject to change without notice

## Connections (Cont.)

### CON2 (Top to bottom)

12-16V DC IN  
12-16V DC IN  
GND  
GND  
GND

### CON3 (Top to bottom)

GND (Not fitted on some builds)  
RS-485 A  
RS-484 B  
Door switch  
Press to exit (PTX)

### CON4 (Left to right)

GND  
Relay contact set 1  
Relay contact set 1  
Relay contact set 2  
Relay contact set 2

### CON8

Factory use only

## Features

Lock open time 0 to 30 seconds in two-second intervals  
Door sense can be disabled.  
Programmable delay before sounding a door left open alarm  
1000 Off-line access rules  
1000 Off-line events

## Colour

Soft Grey

## Dimensions

110mm x 74mm x 18mm

## Mountings

2 slots at 84mm centres

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