

Connecting the Legic Reader to the Netgenium ALK3702-IP

Introduction

The purpose of this document is to explain how to connect the Legic readers to the Netgenium ALK3702-IP lock controller.

Model Number

Model Required The ALK3702-IP

Wiring Details

The wiring diagram provides a schematic of a Legic reader wired into the ALK3702-IP. The diagram shows the power for the readers being supplied by the ALK3702-IP. Ensure the total power the ALK3702-IP is supplying to the lock and reader(s) does not exceed the maximum permitted (800mA @12Vdc).

If the total power required exceeds the maximum permitted, it will be necessary to power the readers from an external source. This could be from a POE source via a power splitter, or a standard 12Vdc supply.

Wiring Details

Reader A

ALK3702 I/O	Logic	Function
I 2	2 Data1	Data 1
I 1	3 Data0	Data 1
O 2	5 Red LED	Red LED
O 1	4 Green LED	Green LED
12 V	1 +ve	12 Vdc
0 V	7 Ground	0 Vdc

Reader B

ALK3702 I/O	Logic	Function
I 4	2 Data1	Data 1
I 3	3 Data0	Data 1
O 4	5 Red LED	Red LED
O 3	4 Green LED	Green LED
12 V	1 +ve	12 Vdc
0 V	7 Ground	0 Vdc

Software Configuration

This section describes how to configure the ALK3702 to accept data from up to two LEGIC readers.

1) To Enable the readers:

Navigate to:

Readers>

Enable the readers you have installed by placing a tick in the appropriate check box.

Note!! If a reader is not connected to the ALK3702-IP do NOT enable it in software.

Ports

Enable Reader A :	<input checked="" type="checkbox"/> (VMAC 00:15:DD:60:04:62-1)
Enable Reader B :	<input type="checkbox"/> (VMAC 00:15:DD:60:04:62-2)

Reader Types

Reader A Type :	Netgenium WGR3601-WR
Reader B Type :	Netgenium WGR3601-WR

2) Configure the Card Format by navigating to:

Reader>Format

Set the appropriate reader format to 26 bit Wiegand.

Reader Formats

Reader A Format :	26 bit Wiegand (H10301)
Reader B Format :	26 bit Wiegand (H10301)

3) Click the Apply button.