

## Wiegand Data Interface

The data containing the CSN is transmitted via a data pair (D1, D0).

## Audio/Visual Indication

A Green LED and Beeper can be controlled by ALK370x-IP lock controllers for audio and visual indication.

## Secure

All RF data transmission between the card and reader is encrypted using a secure algorithm.

## Optimal Read Range

An auto-tuning feature automatically adjusts the reader for optimal read range performance on any mounting surface.



## WGR3601-WR

WGR3601-WR contactless readers make access control more powerful, more versatile and offer enhanced security through data encryption and mutual authentication between the card and reader.

The WGR3601 incorporates HID's 13.5Mhz iCLASS smart card technology and supports the iCLASS and MIFARE card formats.

WGR3601-WR readers are designed for optimal performance with the Netgenium ALK370x-IP family of lock controllers.

The readers source their power from the ALK370x-IP controllers, which in turn are powered from an IEEE802.3af POE device via a 12VDC and 0VDC pair.



**WGR3601-WR**

**Wiegand Card Reader**

## Technical Data

**Model Number:**

WGR3601-WR

**Read Range:**

iCLASS Card : Up to 3.25" (8.9 cm)

iCLASS Key/Tag : Up to 1.5" (3.8 cm)

Mifare Card (CSN) : Up to 2.0" (5.1 cm)

**Mounting:**

A two-part reader makes installation easier. The mounting plate attaches to any flat surface and the reader body fits onto the mounting plate. The cover fits over the reader body and is secured with a screw.

An auto-tuning circuit provides consistent read ranges on various mounting surfaces with minimal reduction on metal surfaces.

**Dimensions:**

1.9" x 4.0" x 0.9"

4.8 cm x 10.3 cm x 2.3 cm

**Power Supply:**

12 VDC from ALK370x-IP

**Current:**

55mA AVG, 116mA PEAK

**Operating Temp:**

-31° to 150° F (-35° to 65° C)

5% to 95% relative humidity non-condensing



IP Devices  
Access, Security, Audio & Lighting Control

Technology House  
5 Walton Rd  
Pattinson North Industrial Estate  
Washington  
Tyne And Wear  
NE38 8QE

T: +44 (0) 191 603 0000  
F: +44 (0) 191 603 1000

E: [sales@netgenium.co.uk](mailto:sales@netgenium.co.uk)  
W: [www.netgenium.co.uk](http://www.netgenium.co.uk)

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