



Wiegand Card Readers

WGR3602-WR



ROBUST SECURITY

INDOOR/OUTDOOR
DESIGN

WIEGAND CONNECTION

AUDIO VISUAL INDICATION

ICLASS Smart Card
TECHNOLOGY

THREE LEVELS OF
AUTHENTICATION ARE
AVAILABLE

WGR3602-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 integrated keypad enables two three levels of authentication at the door, PIN only, card only and two factor authentication (card and PIN required)

The WGR3602 incorporates HID's 13.5Mhz ICLASS smart card technology and supports the ICLASS and MIFARE card formats.

- Secure - All RF data transmission between the card and reader is encrypted using a secure algorithm. By using industry-standard encryption techniques and advanced key management systems, iCLASS reduces the risk of compromised data or duplicated cards. Utilises
- Interoperability - iCLASS is based on ISO interoperability standards providing compatibility with many popular card technologies (ISO 15693, ISO 14443A and ISO 14443B).
- Optimal Read Range Performance - An auto-tuning feature automatically adjusts the reader for optimal read range performance on any mounting surface.

. WGR3602-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 a IEEE802.3af POE device, via a 12Vdc and 0Vdc pair.

The data containing the CSN is transmitted via a data pair (D1, D0). An additional pair facilitates audio and visual indication via an integrated beeper and two colour LED.

WGR3602-WR

Wiegand Reader
with Key Pad

Technical Data

Model Number:

WGR3602-WR

Read Range:

iCLASS Card : Up to 3.25" (8.9 cm)
iCLASS Key/Tag : Up to 1.5" (3.8 cm)
Mifare / DESFire Card (CSN) : Up to
2.0" (5.1 cm)

Mounting:

A three-part reader makes installation easier. Mounting plate attaches to U.S./EU/Asian back box, 52-60 mm screw hole spacing (vertical or horizontal), or to any flat surface. Reader body fits onto mounting plate. Cover fits over reader body, secured with a screw. An auto-tuning circuit provides consistent read ranges on various mounting surfaces with minimal reduction on metal surfaces.

Dimensions:

3.3" x 4.8" x .95" (8.4 cm x 12.2 cm x 2.4 cm)

Power Supply:

12 VDC, from ALK370x-IP

Current:

55mA AVG, 141mA PEAK

Operating Temp:

-31° to 150° F (-35° to 65° C)

5% to 95% relative humidity non-condensing

WHERE TO BUY

Netgenium IP Products and Solutions are available from certified Integrators. Details are available on www.netgenium.co.uk.



15 Witney Way, Hi-Tech Village
Baldon Business Park, Baldon
Tyne and Wear, NE35 9PE
England

T: +44 (0) 191 536 9304
F: +44 (0) 191 537 2913
E: sales@netgenium.co.uk
W: www.netgenium.co.uk