



Wiegand Card Readers

WGR3601-WR

ROBUST SECURITY

INDOOR/OUTDOOR
DESIGN

WIEGAND CONNECTION

AUDIO VISUAL INDICATION

ICLASS Smart Card
TECHNOLOGY



- 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.

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 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.

WGR3601-WR

Wiegand 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 / DESFire Card (CSN) : Up to
2.0" (5.1 cm)

Mounting:

The R10 and R15 are physically our smallest readers and are ideally suited for mullion-mounted door installations, U.S. single-gang J-box or any flat surface (Reader will not cover junction box).

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

WHERE TO BUY

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



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