



WGR3604-WR



ROBUST SECURITY

INDOOR DESIGN

WIEGAND CONNECTION

AUDIO VISUAL INDICATION

ICLASS Smart Card
TECHNOLOGY

WGR3604-WR slot readers, when combined with Netgenium's PolicyServer, Lighting and I/O controllers help take the traditional key card based energy saving solutions to the next level. Where traditional systems rely on a micro switch in the card housing to turn on power, the Netgenium system senses the presence of and authenticates the card to ensure the user is authorised to enable power. The reader then continues to poll the card for presence, switching off power when the card is removed

WGR3604-WR readers are ideally suited to hotel and student accommodation where room occupancy is required before power is supplied, helping save energy, reduce cost and carbon footprint.

- 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.
- Interoperability - iCLASS is based on ISO interoperability standards providing compatibility with many popular card technologies (ISO 15693, ISO 14443A and ISO 14443B).
- Senses card presence and polls card to maintain state.

The WGR3604-WR incorporates HID's 13.5Mhz ICLASS smart card technology and supports the ICLASS and MIFARE card formats. The reader can also operate as a standard contactless reader when a card is not present in the housing. The reader intelligence manages the transition between the two modes of operation.

The readers source their power from the ALK370x-IP controllers, which in turn are powered from a IEEE 802.3af POE device, via a 12Vdc and 0Vdc pair.

WGR3604-WR

Wiegand Slot
Reader

Technical Data

Model Number:

WGR3604-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 two-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.



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