

Wiegand Converter

**Configurable Wiegand Converter
with flash memory for data conversion**



Overview

The Wiegand Converter integrates all standard Wiegand based reader technologies into other applications. The Converter has multiple uses:

- As a pcProx® card data converter, it translates all major Wiegand data outputs to USB, RS-232, RS-485 or TTL
- Provides the computer/terminal/PLC interface when using ID badges for more than door access

The converter output is sent to the USB port either as keystrokes or through a callable DLL for software developers. Selectable card information can be configured in the converter's flash memory using free software. Perfect for those requiring pcProx/AIR ID® Enroll functionality, but require an outdoor reader with longer read range.

Applications

- Machine monitoring
- Time and attendance
- Badge verification
- PLC interfacing
- Shop floor data collection
- PC/LAN, server access control
- Kiosks
- Badge access control via PC

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Features

Platform independent: Supports any operating system with USB, RS-232 or RS-485 support

Configurability and compatibility: Compatible with any Wiegand device; converter comes with configurable flash memory to support any card format

Easy installation: Device is easily installed when using the supplied Snap-Trak or with an optional enclosure

Configuration software does the following and more:

Configurable parameters:

- Number of parity bits to strip
- Set the ID bit count
- Fixing the decimal character data length
- Define a card gone character
- Define decimal or hex output

On the USB model:

- Add additional keystrokes before and after card data
- Define a keystroke between the site code and ID number

On the RS-232/485 model:

- Send additional characters before or after card data
- Send a character between the site code and ID

Specifications

Dimensions: 2.5" x 4.2" x 0.875"
(6.35 x 10.6 x 2.2 cm)

Relay: Normally open and normally closed

Weight: 0.582 lbs; (16.5g)

Power supply and interface:

- Nominal input: 4-16V DC
- USB model: supplied via USB cable
- RS-232/485 model: supplied via terminal block or DC jack

LED: Two-state LED

Operating temperature range: -31° to 150°F
(-35° to 65° C)

Operating humidity range: 5% to 95% relative humidity, non-condensing

Warranty: One year for material/workmanship defects; see complete policy for details.

Part Numbers

Type	Part Number
Wiegand to USB	OEM-W2USB-V3
Wiegand to RS-232 or RS-485	OEM-W2RS232-V3
RS-485 or RS-232 to Wiegand	OEM-1300
Wiegand to USB enclosure	H9G-CASFR100BOXUSB
Wiegand to RS-232 enclosure	H9G-CA-SFR100BOX

Please feel free to call, e-mail or visit our website for a full list of applications, products, configuration options, supported cards and form factor specifications. Our website includes application videos, support materials, case studies and detailed information about our product line.



Single Badge Solutions for Identification and Access

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