

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

Wiegand Converter

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

Free 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

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

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-1200
Wiegand to USB enclosure	H9G-CA-SFR100BOXUSB
Wiegand to RS-232 enclosure	H9G-CA-SFR100BOX

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

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