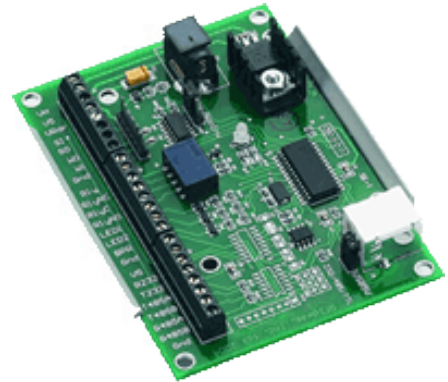


Wiegand Converter

**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
- It 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. This configurable converter is perfect for those requiring pcProx Enroll functionality, with the ability to read contactless smart cards using the 13.56 MHz model or proximity cards through the 125 kHz model, but requires an outdoor reader with a longer read range.

Applications



PC/LAN Access Control
Application Log-On
Employee Identification



Time & Attendance
Meeting Attendance, Visitor Management
Hoteling



PLC & Embedded Controllers
Manufacturing



Kiosk



OEM

Wiegand Converter

Features

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

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

Configurability: Compatible with any Wiegand device. Converter comes with configurable flash memory to support any card format.

Configuration Software Features:

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

USB Model

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

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)

Weight: 0.582 oz; (16.5g)

Power Supply:

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

Operating Temperature Range: -31° to 150°F
(-35° to 65° C)

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

LED: Two-state LED

Relay: Normally open and normally closed

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	HSG-CASFR100BOXUSB
Wiegand to RS-232 enclosure	HSG-CA-SFR100BOX

Please feel free to call, email 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.

RFID EAS

Single Badge Solutions for Identification and Access

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Wiegand Splitter

Provides Wiegand devices with added efficiency



Overview

RF IDEas' Wiegand Splitter is compatible with all standard Wiegand output readers and panels. The Wiegand Splitter allows for the Wiegand data to be transmitted to multiple panels and other devices by using optical isolation technology. The Splitter is useful for isolating or splitting Wiegand circuits where ground or dissimilar voltages may interfere with the data transmission.

Benefits

- Sends single Wiegand devices to multiple boards/applications
- Allows multiple Wiegand devices to attach to a single board
- Solves complex grounding issues with Wiegand devices

Wiegand Splitter

Features

Easy Installation: Device is easily installed by running wires directly from the Wiegand device to the first controller.

Compatibility: Compatible with any Wiegand device.

Part Numbers

Part Number
OEM-OPTW

Specifications

Dimensions: 2.36" x 1.57" (6.0 cm x 4.0 cm)

Weight: 0.5 oz. (14.17g)

Operating Voltage: 5V DC

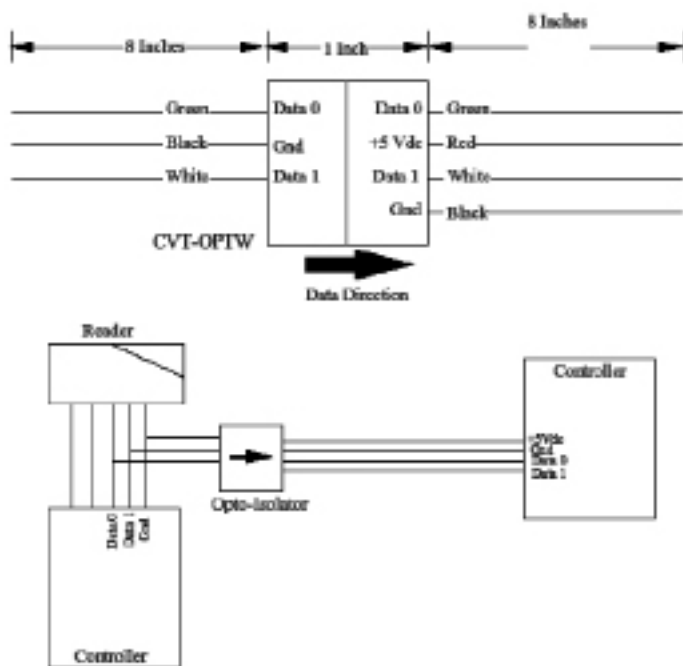
Operating Temperature Range: -22° to 150°F
(-30° to 65°C)

Operating Humidity Range: 0% to 95% relative humidity,

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

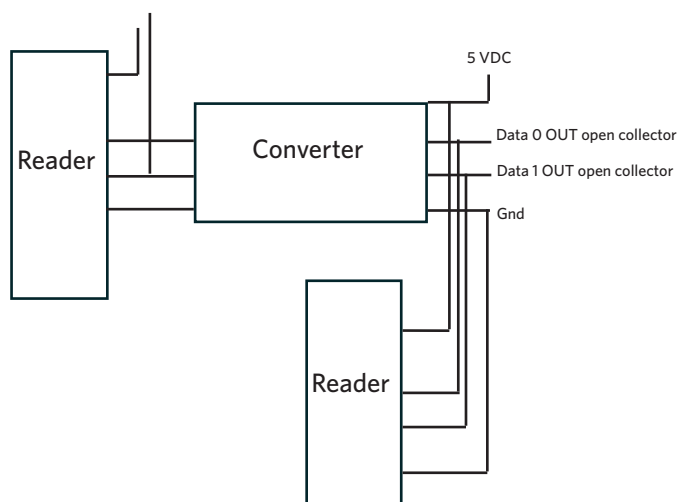
Typical Applications

1 reader attaching to 2 system panels



2 readers connected to one system

Power for reader 1



Please feel free to call, email 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.

RFID EAS

Single Badge Solutions for Identification and Access

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

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Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



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(labels, ribbons, PVC cards)

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