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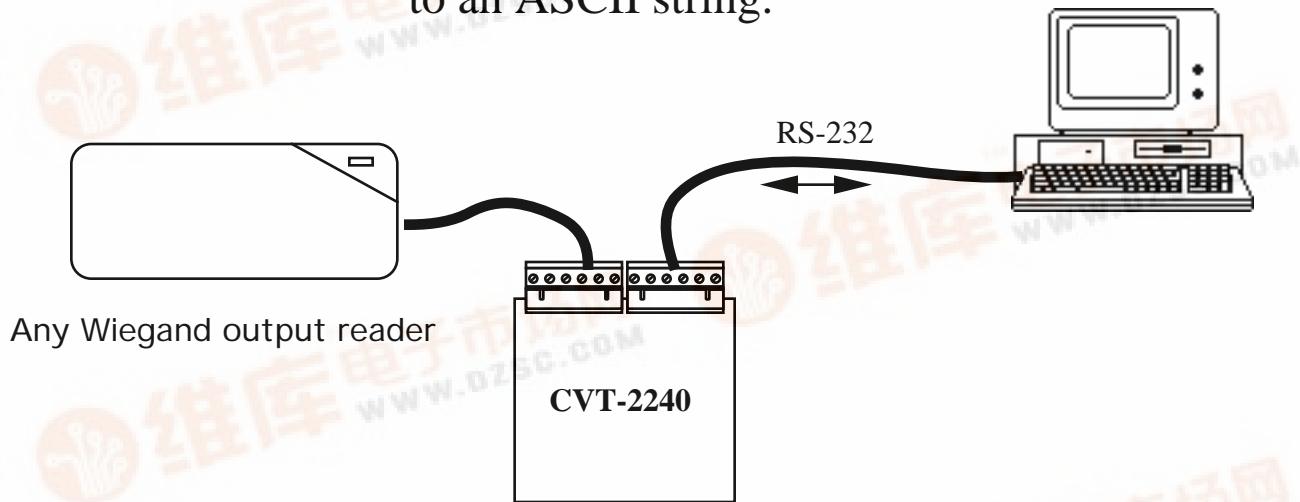
CVT- 2240

Wiegand -> ASCII Converter

INDUSTRY LEADERS DEPEND ON US ...FOR SOLUTIONS

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Converts encoded badge information from Wiegand readers
to an ASCII string.



Features

- Encoded badge information is transmitted as an ASCII string.
- The Reader's LED is activated by receiving a command string.
- A command sequence also controls an on-board relay.

Description

When connected to any Wiegand output reader, the encoded badge information is output as a formatted ASCII string. The output of the CVT-2240 can then be captured by a communications program running on a PC or printed directly on a serial printer. In addition, commands can be sent to the CVT-2240 to control the reader's LED and activate an auxiliary relay located on the Converter's circuit board.

Applications

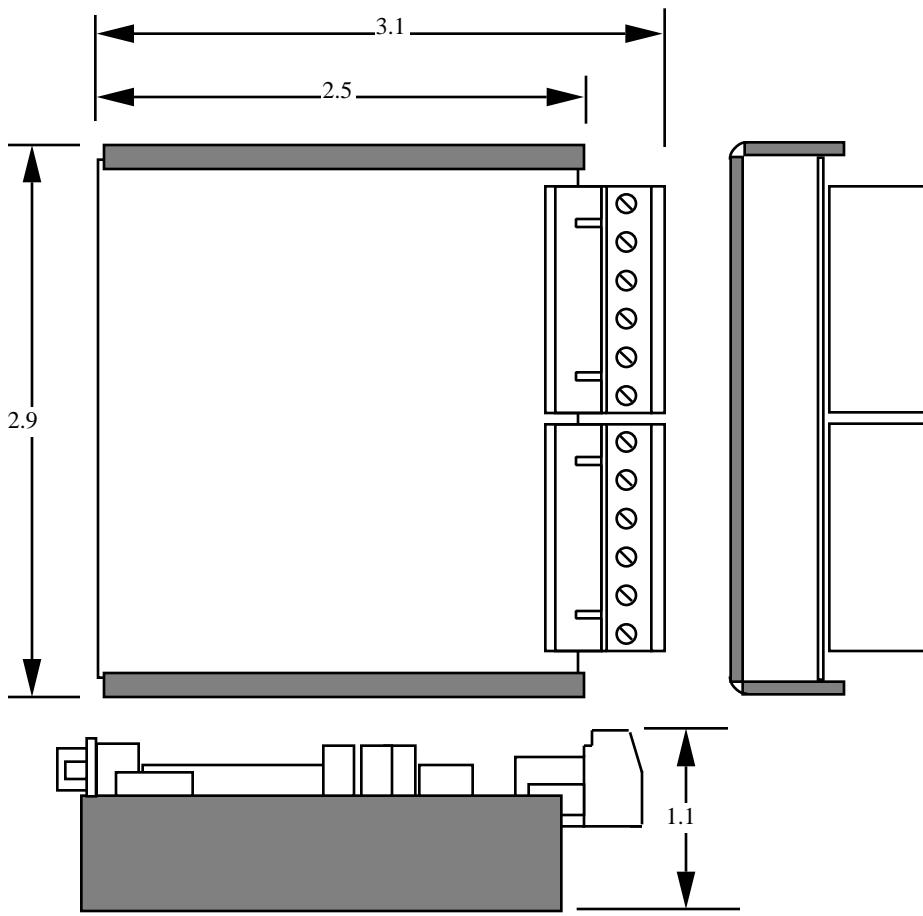
Verifying encoded badge information.

Creating a database of existing badges.

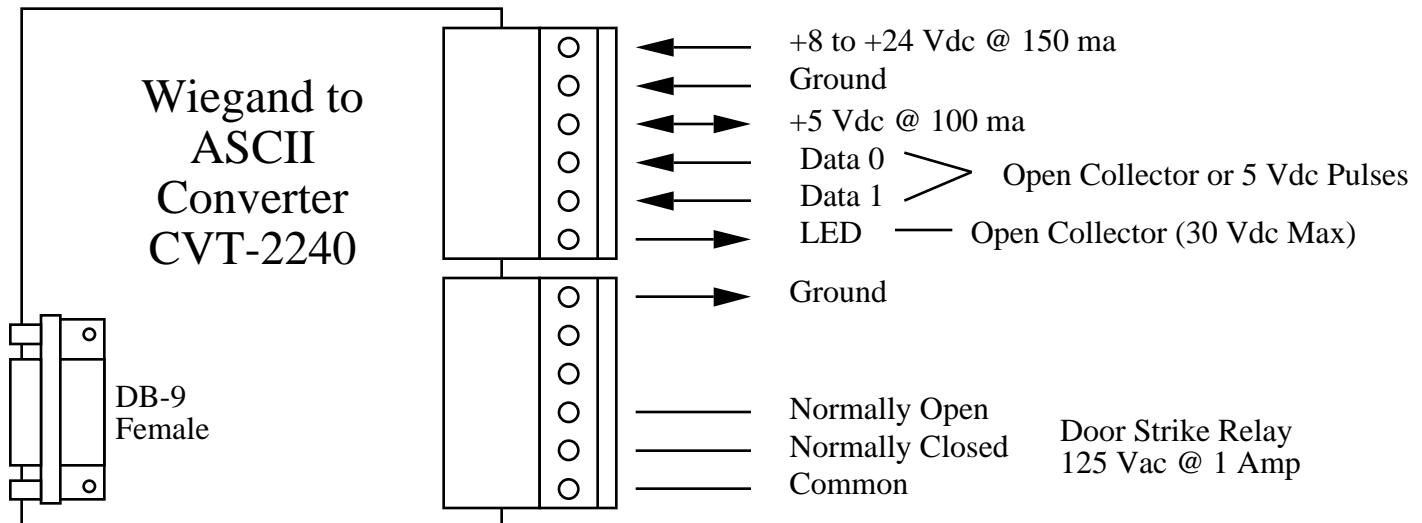
Entering badge information into a program.

Testing badge or reader integrity.

Remote Control of Door strikes, MagLocks, Turnstiles, and Gate arms.



side view



DB-9 Female

1...DCD unused

2...RX Data from Terminal/Printer

3...TX Data from CVT-2240

4...DTR unused

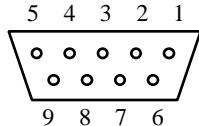
5...Ground

6...DSR unused

7...RTS

8...CTS

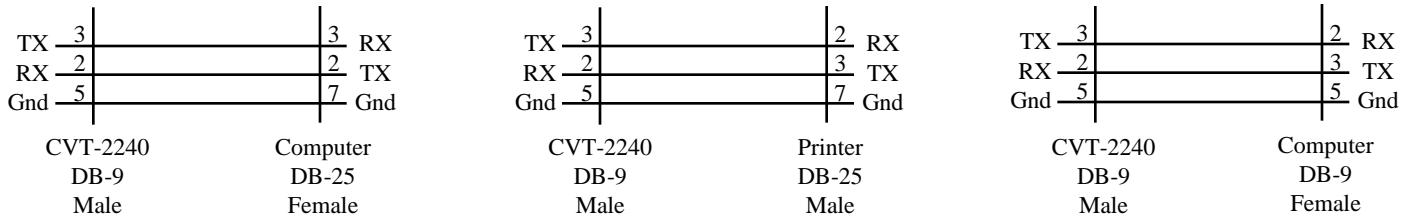
9...RI unused



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Cables

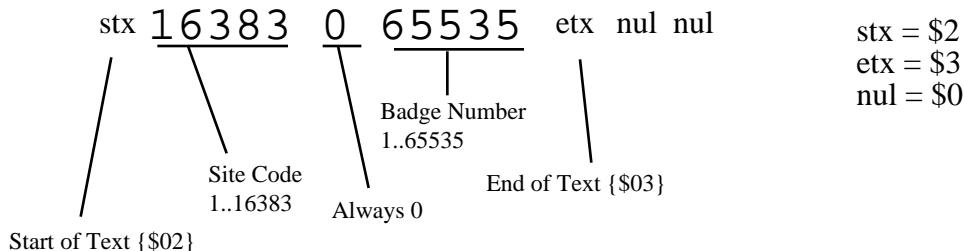


Communications: 9600 BPS ASYNC, 8 bits, 1 Stop, No Parity

RX Data:

Turn LED on.....	@ L 1
Turn LED off.....	@ L 0
Toggle LED.....	@ L 2 (Bi-Color LED Turns Orange)
Turn Relay on.....	@ R 1
Turn Relay off.....	@ R 0
Enable Format Processing...	@ P 1 (Outputs Badge Num,Site Code,Fixed Code for recognized formats only)
Disable Format Processing...	@ P 0 (Outputs Decimal Representation of all card bits)

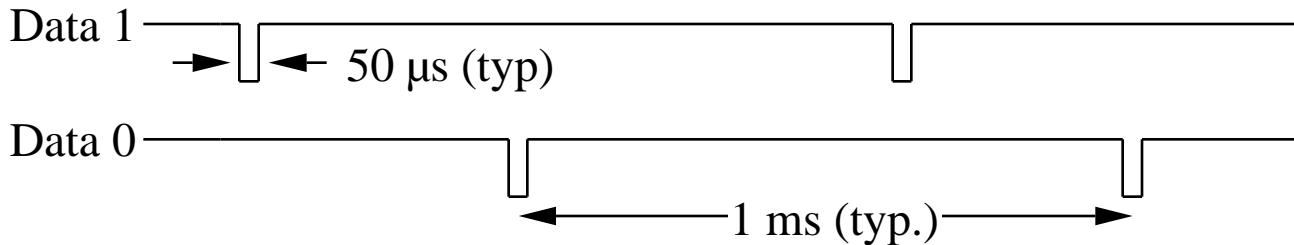
TX Data:



The above output would result from the following input:

12345678901234567890123456789012345678901234
xxxxxxxxSSSSSSSSSSSSBBBBBBBBBBBBBBBBBxxxxxxxx

Input Characteristics of CVT-2240



This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesired operation.