

# Wedge Scanner FAQ

The purpose of this document is to provide information about wedge scanners and their use with Serialized Operations Manager (SOM) for DSCSA compliance in OPUS.

Here are three scanners that we know can work with TraceLink:

- Zebra Model #DS3608
- Zebra Model #DS8108
- Honeywell Model #Xenon Ultra 1960x or 1950x

The key requirement is that the scanner must be able to output the data matrix info in the GS1 standard format, which looks like this:

- 011794119946321721140000046277<GS>1726083010H1582555

<GS> is a standard ASCII Global Separator character. Some of the lower cost scanners output the data as a big string without the delimiter or with () around the AIs, e.g., (01)17941199463(21)721140000046277(17)260830(10)H1582555 and we do not support that format.

## Troubleshooting

A common first step for any scanner is to make sure that the scanner is on the latest version of the manufacturer's firmware. Different companies provide different methods for updating the firmware, but that should always be step 1.

### Zebra Scanners

Generally, they work properly out of the box. If you do not use the scanner for anything else, scan the barcode below to reset the scanner to factory default. It is usually at the beginning of the scanner documentation or in a Quick Start Guide.

### Honeywell Scanners

Honeywell scanner (e.g., 1850, 1860) do not generally work out of the box. You may have to scan a configuration setting in the Honeywell User Guide (each model has one).

In the Honeywell User Guide, there are barcodes to set a myriad of settings. If the you do not use the scanner for anything else, scan the barcode to reset the scanner to factory default. It is usually at the beginning of the documentation or in the Quick Start Guide. Then, try this:

1. Find and scan the **KBDALT6** setting barcode
2. Try scanning into SOM again and check the output in Inspect

If that does not work, try:

1. Find and scan the **KBDCAS5** barcode
2. Try scanning into SOM again and check the output in Inspect

If that does not work, try:

1. Find and scan the **KBDA1T0** barcode (to turn off what we did in the first attempt)
2. Try scanning into SOM again and check the output in Inspect

### Honeywell Model 195x Scanner User Guide:

- According to ASCII Conversion Chart (page 304), GS (ASCII 29) should work with KBDCAS0 or KBDCAS2
- Reset defaults: DEFOVR and DEFALT (page 242)
- Enable <GS> separator: KBDCAS0 or KBDCAS2 (page 33)

Located in Honeywell-sps-ppr-xen195x-en-ug.pdf

### Honeywell Model 196x Scanner User Guide:

- According to ASCII Conversion Chart (page 302), GS (ASCII 29) should work with KBDCAS0 or KBDCAS2
- Reset defaults: DEFOVR and DEFALT (page 242)
- Enable <GS> separator: KBDCAS0 or KBDCAS2 (page 27)

Located in Honeywell-sps-ppr-xen196x-en-ug.pdf

## Code Scanners

Code Corp is another scanner company. They have a document that will help configure the CR1500 and CR2700 scanners.

The key first step was to update the firmware. The support tech told us that if the customer firmware is older than v2.0.0, they need to contact Code support to step them up to the current version. Richard Eves ([richard\\_eves@bradycorp.com](mailto:richard_eves@bradycorp.com)) from Code Support was super helpful getting the customer up and running.

This one adds the <GS> character

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## Control Character Input - Ctrl + Character



# B4

This one adds a carriage return at the end of each scan:

## Suffix Enter (USB Keyboard Mode Only)



# E2

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