



February 22nd, 2011

## GS1 Databar Guide to ScanMaster and ISS45

The purpose of this guide is to assist ScanMaster and ISS45 Customers in determining their readiness in meeting the requirements for GS1 Databar barcodes. While this guide is designed to provide general information pertaining to this subject, it cannot guarantee GS1 compatibility. Each store location's hardware and software configuration may differ and need to be reviewed on an individual basis.

Additional Information pertaining to GS1 Databar can be found on the GS1 Organization Website at [www.gs1.org](http://www.gs1.org) or by contacting InStore Technology at 1-800-544-8404 or by email at [Support@instoretech.com](mailto:Support@instoretech.com)

- **GS1 Databar Implementation Timelines**

GS1 Databar barcodes are currently being printed on many Manufacturers coupons. Effective January 1<sup>st</sup>, 2011 all manufacturers coupons will include GS1 Databar barcodes. The UPC-A barcodes may be omitted from these Manufacturers coupons and will be completely phased out.

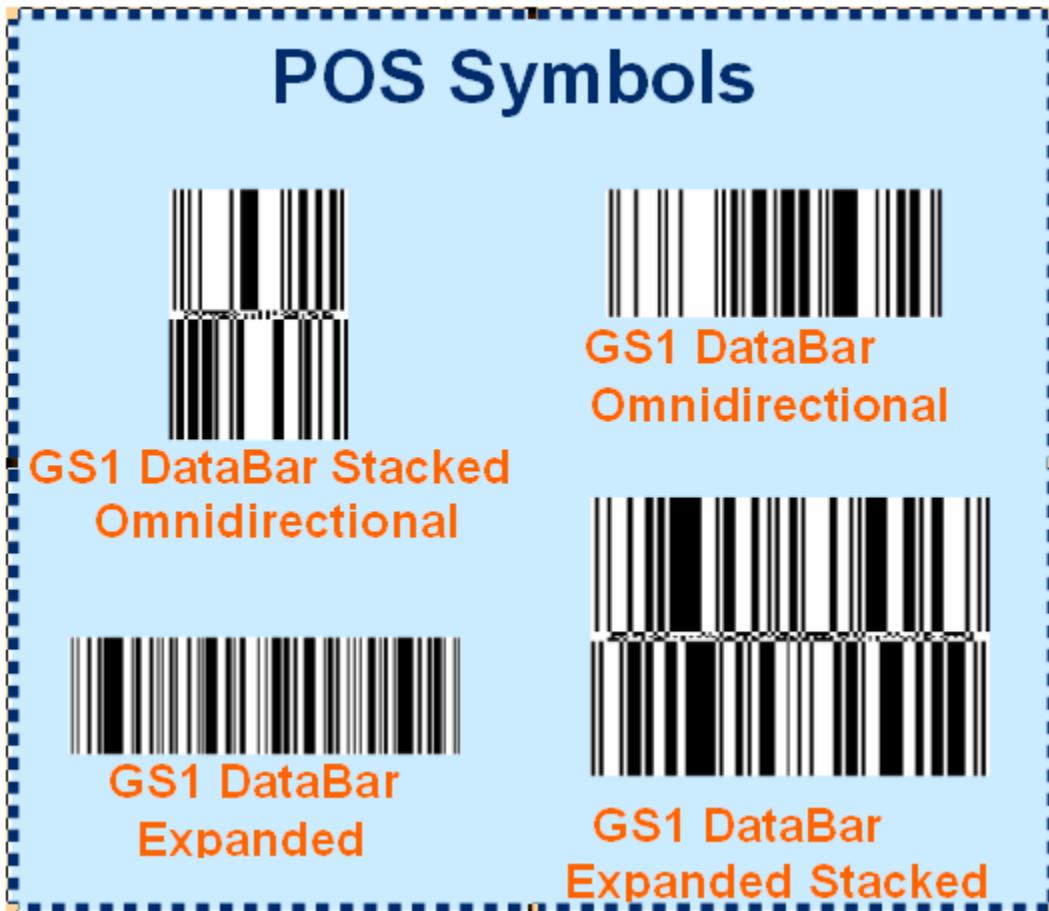
Customers who have older Hardware or Software that is not capable of reading GS1 Databar barcodes may require an upgrade in order to process coupons or produce labels which incorporate GS1 Databar Barcodes. Information on Hardware and Software compatibility with GS1 Databar can be found below.

- **Common uses in Point of Sale for GS1 Databar Barcodes**

- **Manufacturer Coupons** – GS1 Databar barcodes increase flexibility and enhance security for Coupons.
- **Produce Labels-** GS1 Barcode Symbologies allow for scanning loose produce using GS1 Databar Stacked Omnidirectional symbols. Retailers can now scan loose produce versus key entry providing greater accuracy and achieving shrink control by differentiating conventional versus organic.
- **Fresh Food Products** – These include, Meat, Seafood, Deli, Dairy, and Bakery.

- **GS1 Databar Barcode Types**

There are 4 GS1 Databar barcode symbologies intended for use in Point of Sale:



The following types of GS1 Databar Barcode Symbologies are **NOT INTENDED** for use in Point of Sale applications

- GS1 Databar Truncated
- GS1 Databar Limited
- GS1 Databar Stacked

- **POS Software Requirements**

- **ScanMaster Version 1** – Does NOT Support GS1 Databar Barcodes
- **ScanMaster Version 2** – Version 2.7.0 and above  
(GS1 Databar Support for Coupons began in Scanmaster Version 2.6.0)
- **ISS45 Version 7** – Support for GS1 Databar is To Be Determined
- **ISS45 Version 8** – Version 8.1.5.0 and above are required  
(GS1 Databar Support for Coupons began in ISS45 Version 8.1.4.0)

## • POS Hardware Requirements

While most Scanners manufactured after 2002 will Support GS1 Barcodes, many will require special programming to enable their ability to decode a GS1 Databar Barcode.

**\*\*NOTE:** In addition to special programming, some Scanners may also require a Firmware update.

A list of the most common POS Scanner Scales and Hand Scanners can be found below.

GS1 Databar (RSS) Scanner Readiness Survey			
Scanner Manufacturer	Model	Scanner Type	Databar Types Supported
		1.Omni Hi-speed checkout 2.Presentation 3.HH Imager 4.HH Linear 5. Mobile Computer	
PSC/Datalogic	Magellan 9500	1	Databar Omni & Expanded
PSC/Datalogic	Magellan 8500	1	Databar Omni & Expanded
PSC/Datalogic	Magellan 8400	1	Databar Omni & Expanded
PSC/Datalogic	Magellan 8300	1	Databar Omni & Expanded
PSC/Datalogic	Magellan 2300HS	1	Databar Omni & Expanded
PSC/Datalogic	Magellan SL	1	<b>Can only support Code 128 OR GS1 Databar Omnidirectional- Not Both</b>
PSC/Datalogic	Magellan 1400i	2	All Databar types
PSC/Datalogic	Magellan 1000i	2	All Databar types
PSC/Datalogic	FireScan	4	All Databar types
PSC/Datalogic	QS6500	4	All Databar types
PSC/Datalogic	QS6500 BT	4	All Databar types
PSC/Datalogic	QS2500	4	All Databar types
PSC/Datalogic	PowerScan 8300	4	All Databar types
PSC/Datalogic	PowerScan 7000 Series	4	All Databar types
PSC/Datalogic	PowerScan 8500	3	All Databar types
Fujitsu	9900	1	All Databar types <b>(Firmware &amp; Date of Manufacture dependent)</b>
Fujitsu	9950	1	All Databar types <b>(Firmware &amp; Date of Manufacture dependent)</b>
NCR	7876	1	Databar Omni & Expanded
NCR	7878	1	Databar Omni & Expanded
NCR	7883	1	Databar Omni & Expanded
NCR	7872 (Manufactured between Nov 2001 - Present)	1	Databar Omni & Expanded
NCR	7875 (Manufactured between Jan 2002 - Present)	1	Databar Omni & Expanded
NCR	7892 (Manufactured between Mar 2003 - Present)	2	Databar Omni & Expanded