



# The EDGE Consumer Display Option

- 1 Introduction .....2
- 2 Set Up .....3
  - 2.1 Display Device and Drivers .....3
  - 2.2 Windows Operating System .....3
  - 2.3 EDGE Configuration .....4
- 3 Using The Display .....6
  - 3.1 Start/Empty Screen .....6
  - 3.2 Customer Welcome Line.....7
  - 3.3 Merchandise Line .....8
  - 3.4 Tender Lines .....9
  - 3.5 Changing Items on the POS Screen ..... 10
  - 3.6 Sale Complete ..... 10
- 4 FAQ (Frequently Asked Questions) ..... 11



# 1 Introduction

This document describes the Edge Consumer Display Option, which is designed to provide consumers with pricing information while the Edge user is ringing up a sale at POS.

We embarked upon this development primarily to help jewelers comply with a specific California law, the text of which is included below:

CALIFORNIA CODES  
BUSINESS AND PROFESSIONS CODE  
SECTION 13300-13302

13300. (a) The operator of a business establishment that uses a point-of-sale system to sell goods or services to consumers shall ensure that the price of each good or service to be paid by the consumer is conspicuously displayed to the consumer at the time that the price is interpreted by the system. In any instance in which the business advertises a price reduction or discount regarding an item offered for sale, the checkout system customer indicator shall display either the discounted price for that item, or alternatively, the regular price and a credit or reduction of the advertised savings. Any surcharges and the total value to be charged for the overall transaction also shall be displayed for the consumer at least once before the consumer is required to pay for the goods or services. The checkout system customer indicator shall be so positioned, and the prices and amounts displayed shall be of a size and form, as to be easily viewable from a typical and reasonable customer position at each checkout location. (b) For the purposes of this section, "point-of-sale system" means any computer or electronic system used by a retail establishment such as, but not limited to, Universal Product Code scanners, price lookup codes, or an electronic price lookup system as a means for determining the price of the item being purchased by a consumer. (c) All point-of-sale systems used by a business establishment on and after January 1, 2007, shall comply with the requirement of subdivision (a).

We have no specific knowledge, but we suspect that other states might have similar legal requirements.

We have investigated so-called "pole displays" and found them to be generally unsuitable for use in a fine jeweler store, and so decided to utilize a secondary computer monitor instead.

There are currently several small LCD displays on the market, and we have included in our product line the one that we feel is most suitable and easiest to install and configure.

## 2 Set Up

### 2.1 Display Device and Drivers

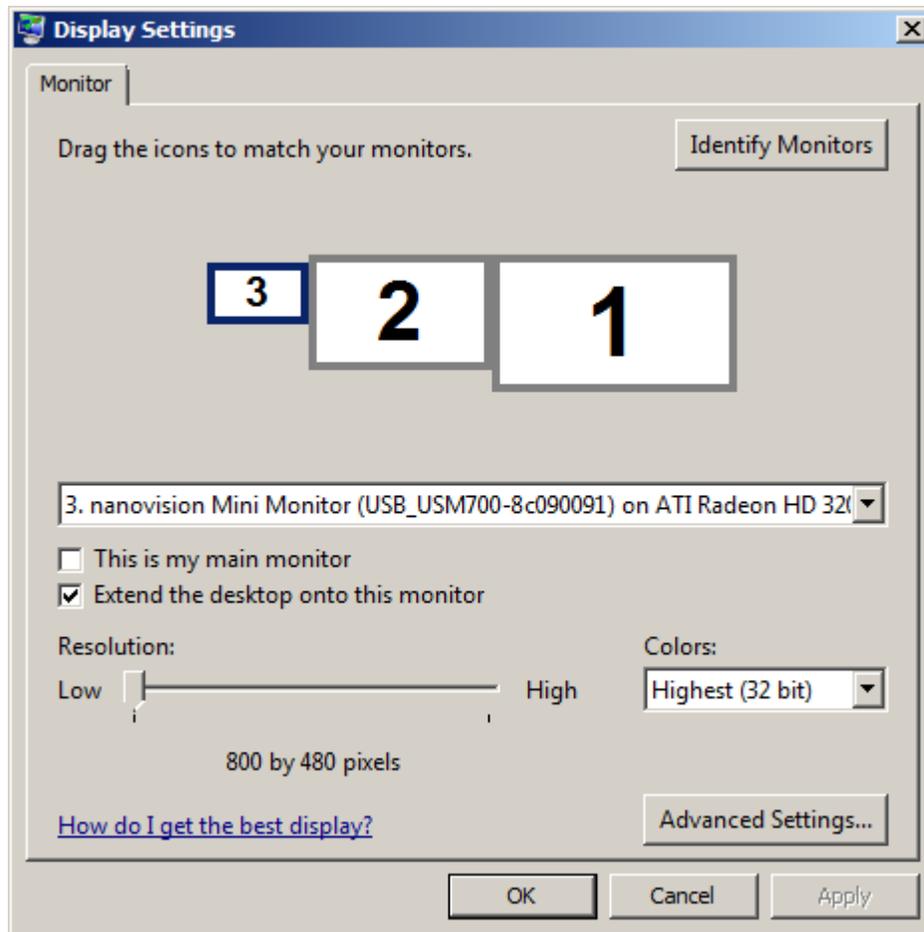
Install your device and drivers according to the instructions provided with the device.

If you purchased your device from us, it will most likely connect via a single USB port, without the need to open the case of your PC.

For best results, use the device software to rotate the display to "portrait" mode.

### 2.2 Windows Operating System

It is important to configure your windows operating system so that the new display operates independently of the other display(s) in your system, and does not "mirror" the other display(s). In the windows display control panel, this is accomplished by the checkbox labeled "Extend the desktop onto this monitor".

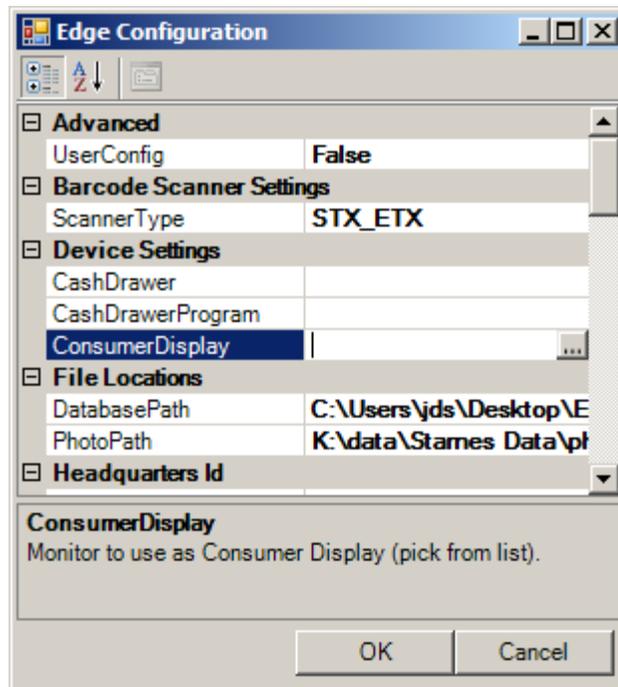


You may also wish to "drag" the image of the consumer display monitor into a position relative to your main monitor such that you will not inadvertently move your mouse cursor into the consumer display monitor.

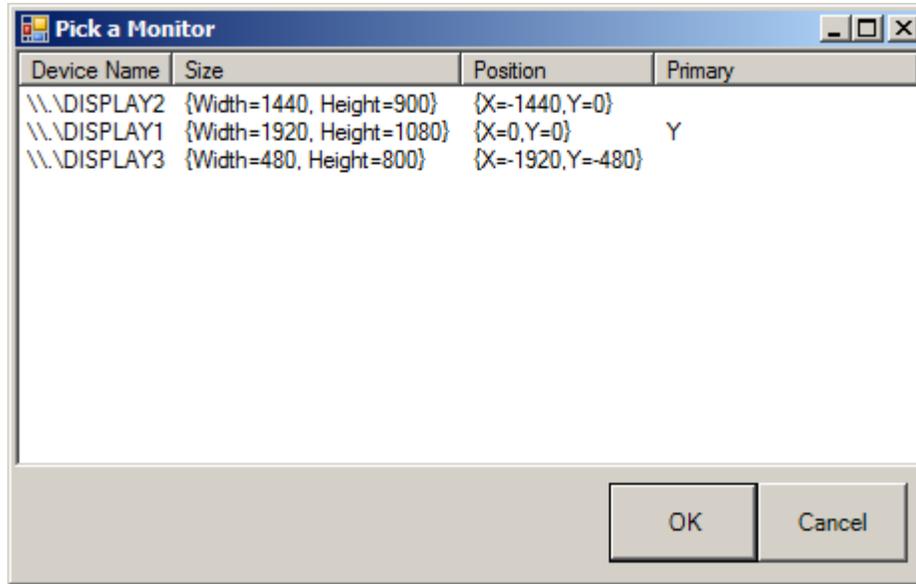
## 2.3 EDGE Configuration

To configure EDGE to use a display monitor as the consumer display, it is necessary to set the Edge Configuration.

There is a new setting in the "Device Settings" group called "ConsumerDisplay".



This setting has a button [...] that will bring up the "Pick a Monitor" screen as illustrated below:



You must select the line that corresponds to your consumer display monitor.

Usually, there will be only two lines: your primary monitor (indicated by "Y" in the primary column) and one other monitor, with a size of 480x800. The consumer display will most likely be 480x800.

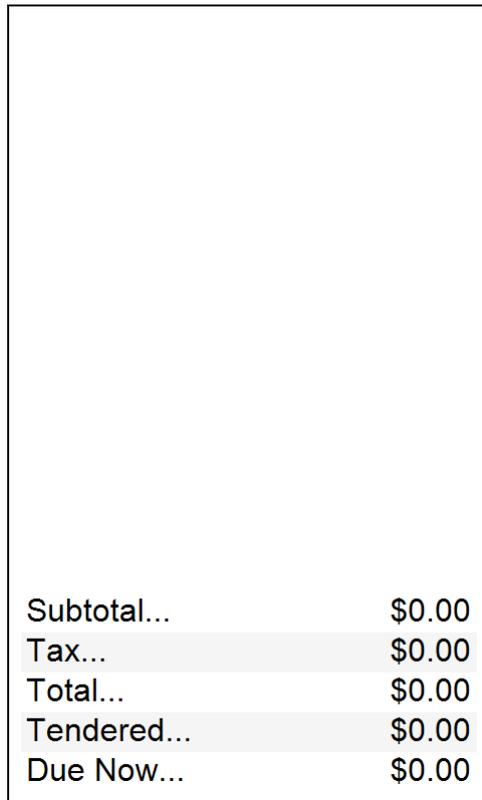
Once you have selected the appropriate line, click [OK].

## 3 Using The Display

There are no additional steps necessary to utilize the consumer display. The consumer display will automatically reflect the appropriate information from the POS screen.

### 3.1 Zero Screen

When the Edge POS screen is first opened, it will locate the consumer display and show the following "zero" screen:



Subtotal...	\$0.00
Tax...	\$0.00
Total...	\$0.00
Tendered...	\$0.00
Due Now...	\$0.00

Subtotal, Tax, Total, Amount Tendered so far, and Amount Due Now lines will always be consistently shown at the bottom of the display. As other lines are added, they are added directly above these consistent lines, and older lines will be scrolled upward. New lines, other than the lines shown above, will appear with alternating green and yellow background colors.

### 3.2 Customer Welcome Line

When the customer has been identified, a "Welcome" line will be added to the display as follows:

Welcome Mr. Joseph D Shapiro, III	
Subtotal...	\$0.00
Tax...	\$0.00
Total...	\$0.00
Tendered...	\$0.00
Due Now...	\$0.00

### 3.3 Merchandise Line

As items are added to the sale, they will be added to the display just above the subtotal line. Older lines will scroll upward...

Welcome Mr. Joseph D Shapiro, III	
Lady's Yellow 14 Karat Enamelled Free Form Fashion Ring...	
	\$1,350.00
Subtotal...	\$1,350.00
Tax...	\$81.00
Total...	\$1,431.00
Tendered...	\$0.00
Due Now...	\$1,431.00

### 3.4 Tender Lines

As each form of payment is taken, a line will be added to the display, directly above the subtotal line...

Welcome Mr. Joseph D Shapiro, III	
Lady's Yellow 14 Karat Enamelled Free Form Fashion Ring...	
	\$1,350.00
CASH...	\$1,431.00
Subtotal...	\$1,350.00
Tax...	\$81.00
Total...	\$1,431.00
Tendered...	\$1,431.00
Due Now...	\$0.00

### 3.5 Changing Items on the POS Screen

As the Edge user modifies items on the POS screen, for example, to apply a discount or remove an item from the sale, the consumer display will also be updated.

If the user changes the item corresponding to the most recent line on the consumer display, that line on the consumer display will simply be updated.

However, if the user changes an item that is not the most recent line on the consumer display, then old line on the consumer display will be visibly grayed and struck over, and the new information will be displayed as a new line, as illustrated below:

Welcome Mr. Joseph D Shapiro, III	Welcome Mr. Joseph D Shapiro, III
Lady's Yellow 14 Karat Enamelled Free Form Fashion Ring...      \$1,350.00	<del>Lady's Yellow 14 Karat Enamelled Free Form Fashion Ring...      \$1,200.00</del>
CASH...      \$1,431.00	CASH...      \$1,431.00
Subtotal...      \$1,350.00	Lady's Yellow 14 Karat Enamelled Free Form Fashion Ring...      \$1,200.00
Tax...      \$81.00	Subtotal...      \$1,200.00
Total...      \$1,431.00	Tax...      \$72.00
Tendered...      \$1,431.00	Total...      \$1,272.00
Due Now...      \$0.00	Tendered...      \$1,431.00
	Due Now...      (\$159.00)

If the old line had already scrolled off the screen, then it will not shown grey and overstruck; only the new data will appear.

### 3.6 Sale Complete

Once the user completes ("dones") the sale, the consumer display will return to the "zero" screen.

## 4 FAQ (Frequently Asked Questions)

### 4.1.1 Will the consumer display show complete details of everything I enter at POS?

No. Generally only the description and price (as it applies to monies collected during this transaction) will be shown, along with the amount of any tender. Service job intakes will only display the deposit amount. Pickups will only display the amount due at pickup. Layaways will display the full item price, which will be offset by a line that shows the dollar amount being put on layaway. As always, the complete details will appear on the customer's receipt.

### 4.1.2 Will I be able to scroll the display backward to show the consumer details that have scrolled off the display?

Not at this time. We feel that enough lines display on the device to well exceed the legal requirement, and we do not want to complicate the use of the Edge POS screen or the device itself.

### 4.1.3 Will there be a traditional pole display option?

We do not anticipate supporting traditional pole displays. Those devices typically have two lines of twenty characters each, and we feel that format is not well suited for jewelry.

### 4.1.4 How do I obtain the Consumer Display Option?

The Edge software contains the consumer display option starting with version 5.0.91001. If you are current with your support contract, then this is available to you at no charge.

The consumer display device itself is simply a secondary computer monitor. You may purchase a suitable monitor from many computer supply companies. For your convenience, you may order a pre-qualified device from us. If you purchase it from us, we will also provide assistance with setup.

### 4.1.5 How large is the display?

The device that we sell has a display area of approximately 3.5" x 6" (7" diagonal), plus about 1" on each dimension for the casing. The display resolution is 480x800 pixels. Other devices may vary.