

INTRODUCTION

This help file is not a programming guide for OPOS! Please also see the documentation for the International "OLE for Retail POS" Standard. Detailed information on OPOS can be found in the OLE for Retail POS Control Programmer's Guide and Application Programmer's Guide.

In this help you will find information that is specific to the implementation of the ZEBEX OPOS Service Object. You will learn what registry values we use so that you can integrate our driver in your application and do not need to use the ConfigOPOS.exe program.

DRIVER CONFIGURATION

The configuration for a particular device is stored in the key

OPOS_ROOTKEY\OPOS_CLASSKEY_SCAN\<device_name>

where OPOS_ROOTKEY and OPOS_CLASSKEY_SCAN are defined by the OLE for Retail POS standard.

The ZEBEX OPOS driver requires the definition of the following values in the key for a device to function properly. These values are only read from the registry once (at the time the device is opened with the Open() method.

(Default) (String)

The default value of the registry key for any device is used for the class name of the Service Object which is "ZBTOPOS.ScannerSO" for the ZEBEX driver.

AutoScan (Integer)

This value is by default 0, but can be set to 1 to enable Autoscan mode for Handheld CCD scanners. It has no effect for Portable Scanners or Omni-Directional Scanners.

Configuration (Binary Data)

For portable scanners only. Default value: 40 06 40 01 40 06 40 06 c0 3f 04 00 00 00

UserID (String)

For portable scanners only. Default value: "00000000"

Description (String)

ConfigOPOS uses this value to store information about the driver, e.g. "OPOS Scanner Driver, (c) 2017 ZEBEX Industries, Inc.". This value does not need to be defined when you use the driver with your application (without ConfigOPOS.exe program)

Port (String)

Stored here is the name of the communications port (e.g. "COM1").

Service (String)

Stored here is the path and DLL filename of Service Object, e.g. "E:\OPOS\ZEBEX OPOS Driver\ZBTOPOS.dll".

Type (String)

No default value. Can be one of the following strings: "Handheld", "Omni-directional Laser", "OPOS USB Scanner", "2D Scanner (Uart)", "2D Scanner (USB)"

Please use the exact spelling including spaces, otherwise the driver will not be able to recognize your selection.

Version (String)

ConfigOPOS uses this value to store the version of the driver, e.g. "3.0.0". This value does not need to be defined when you use the driver with your application (without ConfigOPOS.exe program)

The registry values can be generated with the ConfigOPOS.exe program. It provides an easy-to-use interface for quickly setting up and deleting OPOS devices. It also provides test functions to check if the configured device is working properly.