



## Scanner SDK for Windows

### EASILY DEVELOP SCANNER APPLICATIONS FOR WINDOWS

#### Create Applications with All the Features Your Business Demands

We understand today's scanner applications need to do more than just handle barcode data. With the Scanner SDK, you can easily create fully featured applications. In addition to capturing barcode data, the SDK enables you to capture images, easily set parameters, upgrade firmware and more. The SDK even allows multiple applications to run on one PC, talking to one or more scanners simultaneously.

#### Control Every Aspect of Your Zebra Scanners

Quickly and easily harness the powerful capabilities in all of our scanners with the Scanner SDK for Windows. Control the data collection process, from barcode scanning to the capture and transmission of images, signatures and video. Take complete control of scanner feedback options, such as the LED, vibration and beeper. You can determine if and when LED lights are illuminated, which color and for how long, and if and when your scanner emits a beep. In addition, comprehensive management functionality allows you to take complete control of remote scanner management — you can load settings, upgrade firmware, create an audit log, as well as access the scanner's asset tracking information. And even if multiple scanners are connected to the same application, you can still identify which scanner sent which data.

#### Cut Development Time and Costs

We understand one of the keys to successfully developing an application is a fast app turnaround time. To enable this, our Scanner SDK for Windows includes all the resources you require to develop an application quickly. It includes drivers for OPOS / JPOS / WMI, APIs for C++ / C# / VB.NET, Visual Studio project templates, sample utilities, including source code, user documentation with cut-and-paste source code and how-to-videos.

**LET US SHOW YOU A BETTER SCANNING EXPERIENCE**

For more information, visit [www.zebra.com/scannersdk](http://www.zebra.com/scannersdk)  
or access our global directory at [www.zebra.com/contact](http://www.zebra.com/contact)

## SPECIFICATION CHART

| OPERATING SYSTEMS   | SUPPORTED DEVELOPMENT TOOLS  |
|---|--|
| TBD   | TBD  |
| SDK COMPONENTS  | SAMPLE UTILITIES INCLUDING SOURCE CODE   |
| APIs: CoreScanner, OPOS, JPOS, TWAIN, and WMI<br>Sample utilities including source code<br>User documentation   | Scanner sample application: C++ and C#<br>Scanner management via Microsoft's WMI: C#<br>OPOS: C++<br>JPOS: JAVA<br>TWAIN: C++  |
| USER DOCUMENTATION*   | PROGRAMMABLE SCANNER FUNCTIONALITY   |
| Scanner SDK Developer's Guide<br>Developer's Guide for Windows Management Instrumentation (WMI) Driver<br>OPOS Programmer's Guide<br>JPOS Programmer's Guide<br>TWAIN Programmer's Guide<br>Attribute data dictionary (Index of parameters)<br><br>* All documents listed in this section can be downloaded at <a href="http://www.zebra.com/software">www.zebra.com/software</a> | <b>Receive data from a scanner:</b><br>Bar codes<br>Images (photos)<br>Intelligent Document Capture Video<br><br><b>Control user feedback experience:</b><br>LED<br>Beeper Aiming pattern<br><br><b>Perform Remote Scanner Management (RSM):</b><br>Query asset tracking information<br>Perform device configuration (get and set attributes)<br>Perform a firmware upgrade<br>Switch a scanner's communication protocol |
| SCANNER COMMUNICATION PROTOCOLS   |  |
| USB Table Top<br>USB OPOS/JPOS<br>USB SNAP! (Symbol Native API) RS-232 Nixdorf Mode B   |  |

## SCANNER COMMUNICATION MODES VS. DEVICE CAPABILITIES

| CAPABILITIES           | USB: SNAP! | USB: OPOS | USB: TABLE TOP | USB: HID KEYBOARD | USB: CDC | RS232: NIXDORFB |
|------------------------|------------|-----------|----------------|-------------------|----------|-----------------|
| Host Variant Switching | Supported  | Supported | Supported      | Supported         | Partial  | N/A             |
| Simulated HD Keyboard  | Supported  | Supported | Supported      | N/A               | N/A      | N/A             |
| Management             | Supported  | Supported | Supported      | N/A               | N/A      | N/A             |
| Image and Video        | Supported  | N/A       | N/A            | N/A               | N/A      | N/A             |

Specifications subject to change without notice.



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