Scanner SDK for Linux

EASILY DEVELOP SCANNER APPLICATIONS FOR LINUX

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.

Control Every Aspect of Your Zebra Scanners

Quickly and easily harness the powerful capabilities in all of our scanners with the Scanner SDK for Linux. Control the data collection process, from barcode output mode to the capture and transmission of images, signatures and video. Take complete control of scanner feedback options, such as the LED, beeper and aiming pattern. 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 Linux includes all the resources you require to develop an application quickly. It includes drivers for JPOS, APIs, sample utilities, including source code, and user documentation with cut-and-paste source code.

LET US SHOW YOU A BETTER SCANNING EXPERIENCE

For more information, visit **www.zebra.com/scannersdk**
or access our global directory at **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 Sample utilities including source code User documentation	Scanner sample application: C++ and C# Scanner management via Microsoft's WMI: C# OPOS: C++ JPOS: JAVA TWAIN: C++

USER DOCUMENTATION*	PROGRAMMABLE SCANNER FUNCTIONALITY
Scanner SDK Developer's Guide Developer's Guide for Windows Management Instrumentation (WMI) Driver OPOS Programmer's Guide JPOS Programmer's Guide TWAIN Programmer's Guide Attribute data dictionary (Index of parameters) * All documents listed in this section can be downloaded at www.zebra.com/software	**Receive data from a scanner:** Bar codes Images (photos) Intelligent Document Capture Video **Control user feedback experience:** LED Beeper Aiming pattern **Perform Remote Scanner Management (RSM):** Query asset tracking information Perform device configuration (get and set attributes) Perform a firmware upgrade Switch a scanner's communication protocol

SCANNER COMMUNICATION PROTOCOLS
USB Table Top USB OPOS/JPOS USB SNAPI (Symbol Native API) RS-232 Nixdorf Mode B

SCANNER COMMUNICATION MODES VS. DEVICE CAPABILITIES

CAPABILITIES	USB: SNAPI	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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