

SAP Business One



Ab genau jetzt: In 3 Minuten steht Ihr SAP Business One Cloud Testsystem >

SAP Business One 10.0
Zebra DS2278 Scanner für die Benutzung
als Virtual Keyboard einstellen
Diese Konfiguration benötigt die Zebra Applikation 123Scan
November 2024

SBO10100

Konfiguration anlegen

App [123Scan](#) von Zebra herunterladen, installieren und danach ausführen.

In 123Scan die Konfiguration mit dem Wizard beginnen:

The screenshot displays the 123Scan application interface. The main window shows a wizard with the following steps:

- Step 1:** "What do you want to do?" with options: "Create new configuration file" (highlighted), "Load existing configuration file", "Clone/Migrate configuration", and "Update scanner firmware".
- Step 2:** "Select an option to start creating a configuration file" with options: "My scanner is connected via USB cable" (highlighted) and "My scanner is NOT connected".
- Step 3:** "Select your scanner model from the options below:". It shows a scanner image and the text "DS2278-STANDARD SR MODELS + CRADLE". Below this, it says "Select from 1 plug-in option(s)". A list of plug-in options is shown, with "Release 034 - 2021.10.26 (SAADFS01-003-R00)" (highlighted) selected. A "What is this?" link is also visible.

At the bottom of the application, there is a progress bar for the "123Scan Updater: Downloading Plug-Ins" showing 0% completion and 0 Bytes downloaded.

Schritt: Name and notes

Start | Data view | Untitled1

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278- STANDARD SR
MODELS + CRADLE-037

1. Name and notes
Name: Untitled1
Notes:

2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge

3. Symbologies (bar code types)
Factory default settings

4. Modify Data ^
Custom settings

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General
Factory default settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

Name and notes
Please be sure to give your settings a configuration name. You can also add notes and give the configuration name a version number.

Configuration Name: [What is this?](#)
16 character limit

Notes:
500 of 500 characters remaining

< Back | **Next >** | Done | Cancel

Search for a parameter...

Einstellungen übernehmen

Schritt: Scanner-Verbindung

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278-STANDARD SR
MODELS + CRADLE-037

1. Name and notes
Name: Virtual Keyboard
Notes:

2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge

3. Symbolologies (bar code types)
Factory default settings

4. Modify Data ^A
Custom settings

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General
Factory default settings

8. Printing Options

9. Load and print

^A Parameters changed from factory default

What cable are you using to connect your scanner?

Your scanner is already set up to communicate to your host using the most common communication protocols. You can use the tab(s) below to setup / modify up to 4 cable types (communication protocols) on your scanner.

USB | IBM-RS485 | Keyboard Wedge | + add cable

Basic Settings

USB Device Type: HID Keyboard Emulation

Ignore Unknown Characters: Send Barcodes with Unknown Characters

- IBM Handheld / Tabletop / OPOS Options
- SNAPI Options
- HID Keyboard Options
- CDC Options

Einstellungen übernehmen

< Back | Next > | Done | Cancel

Search for a parameter...

Schritt: Barcode-Einstellungen

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278-STANDARD SR
MODELS + CRADLE-037

1. Name and notes
Name: Virtual Keyboard
Notes:

2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge

3. Symbologies (bar code types)
Factory default settings

4. Modify Data [^]
Custom settings

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General
Factory default settings

8. Printing Options

9. Load and print

[^] Parameters changed from factory default

Change your bar code settings

[Disable all symbologies](#) | [Print sample bar codes](#)

Your scanner is already set up to recognize the most common types of bar codes. To modify your decoding options, select a symbology (bar code type) from the drop-down below.

Select symbology (bar code type) to modify

Einstellungen übernehmen

< Back | **Next >** | Done | Cancel

Search for a parameter...

Schritt: Datenbearbeitung

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278-STANDARD SR
MODELS + CRADLE-037

1. Name and notes
Name: Virtual Keyboard
Notes:

2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge

3. Symbolologies (bar code types)
Factory default settings

4. **Modify Data** ^
Custom settings

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General
Factory default settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

Modify Data

If required, create a data formatting rule to modify scanned data before its transmission to the host.

- Send data as scanned, don't append any keystrokes. (Factory Default).
- Append an enter key: Adds an Enter key to the end of scanned data.
- Append a tab key: Adds a Tab key to the end of scanned data.

- Program complex data modifications or select a rule from your Data Formatting Library. ^
 - Basic
[View / Edit](#) Prefix / Suffix Simple Formatting ✓ Rule present
 - Advanced
ADF - Advanced Data Formatting (Scan one bar code)

View / Edit selektieren


< Back | Next > | Done | Cancel

Search for a parameter...

Schritt: Datenbearbeitung – Prefix und Suffix setzen

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

 Model List
Plug-in Name
Release Notes
App Developer Report

**DS2278-STANDARD SR
MODELS + CRADLE-037**

- 1. Name and notes
Name: Virtual Keyboard
Notes:
- 2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge
- 3. Symbolologies (bar code types)
Factory default settings
- 4. Modify Data [^]
Custom settings
- 5. Wireless - Bluetooth
Factory default settings
- 6. Imaging
Factory default settings
- 7. General
Factory default settings
- 8. Printing Options
- 9. Load and print

Prefix / Suffix Simple Formatting

Select the layout for prefix & suffix value you want to use.

<PREFIX> <DATA> <DATA> <SUFFIX 1>
 <PREFIX> <DATA> <SUFFIX 1> <DATA> <SUFFIX 2>
 <PREFIX> <DATA> <SUFFIX 2> <DATA> <SUFFIX 1> <SUFFIX 2>
 <PREFIX> <DATA> <SUFFIX 1> <SUFFIX 2>

Enter values for prefix and suffix.

PREFIX: [code list](#)

SUFFIX 1: [code list](#)

SUFFIX 2: [code list](#)

Für Prefix und Suffix 1 code liste selektieren und dann Reiter ALT drücken

Schritt: Keyboard – Länderdefinition

123Scan

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278-STANDARD SR
MODELS + CRADLE-034

1. Name and notes
Name: Virtual Keyboard
Notes:

2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge

3. Symbologies (bar code types)
Factory default settings

4. Modify Data ^
Custom settings

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General ^
Custom settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

General
The parameters below are general scanner settings and user preferences. Click on blue links below for faster parameter list navigation.

Power
System
Beeper

Power

Time Delay To Low Power 100 mSec

Timeout To Low Power Mode From Auto AIM 15 Seconds

Battery Preservation 9 x 1 hour

System

Parameter Scanning Allowed

keyboard country type ^ German

Country Code Page Default for a set Country Type

Unicode Output Control Universal Output

CJK Output Method to Windows Universal CJK

Transmit No Read Message

Transmit Code Id None

Hand-Held Trigger 1 level

Keyboard auf das entsprechende Land setzen

< Back Next > Done Cancel

Search for a parameter...

Schritt: Datenbearbeitung – Konfiguration abschließen mit Done

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278-STANDARD SR
MODELS + CRADLE-037

1. Name and notes
Name: Virtual Keyboard
Notes:

2. Cable connection
USB (default)
IBM-RS485
Keyboard Wedge

3. Symbologies (bar code types)
Factory default settings

4. Modify Data ^
Custom settings

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General
Factory default settings

8. Printing Options

9. Load and print

^ Parameters changed from factory default

Prefix / Suffix Simple Formatting

Select the layout for prefix & suffix value you want to use.

<PREFIX> <DATA> <DATA> <SUFFIX 1>
 <PREFIX> <DATA> <SUFFIX 1> <DATA> <SUFFIX 2>
 <PREFIX> <DATA> <SUFFIX 2> <DATA> <SUFFIX 1> <SUFFIX 2>
 <PREFIX> <DATA> <SUFFIX 1> <SUFFIX 2>

Enter values for prefix and suffix.

PREFIX: [code list](#)

SUFFIX 1: [code list](#)

SUFFIX 2: [code list](#)

< Back Next > **Done** Cancel

Search for a parameter...

Einstellungen an den Scanner übertragen

Start | Data view | Virtual Keyboard

Actions | Save file to PC | Print bar code | **Load to scanner** | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS2278-STANDARD SR MODELS + CRADLE-037

Start configuration wizard >>

Configuration file summary

Configuration Name: Virtual Keyboard [View / Edit](#)

Windows Filename: Config File_DS2278_Untitled1_2024.11.25.sncfg

Notes:

Cable connection
USB (default) [View / Edit](#)
IBM-RS485
Keyboard Wedge

Symbologies (bar code types)
Factory default settings [View / Edit](#)

Modify Data ^
Custom settings [View / Edit](#)

Wireless - Bluetooth
Factory default settings [View / Edit](#)

Imaging
Factory default settings [View / Edit](#)

General
Factory default settings [View / Edit](#)

Printing Options [View / Edit](#)

Load configuration

DS2278-STANDARD SR MODELS + CRADLE
Firmware version: Release 034 - 2021.10.26 (SAADFS01-003-R00)
DS2278
[model list](#)

2 compatible scanner(s) found for your configuration. **LOAD TO ALL SCANNERS**

Refresh scanner list

23028523402291 - CAADNS00-003-R01	
23339523420091 - CAADFS00-006-R00	

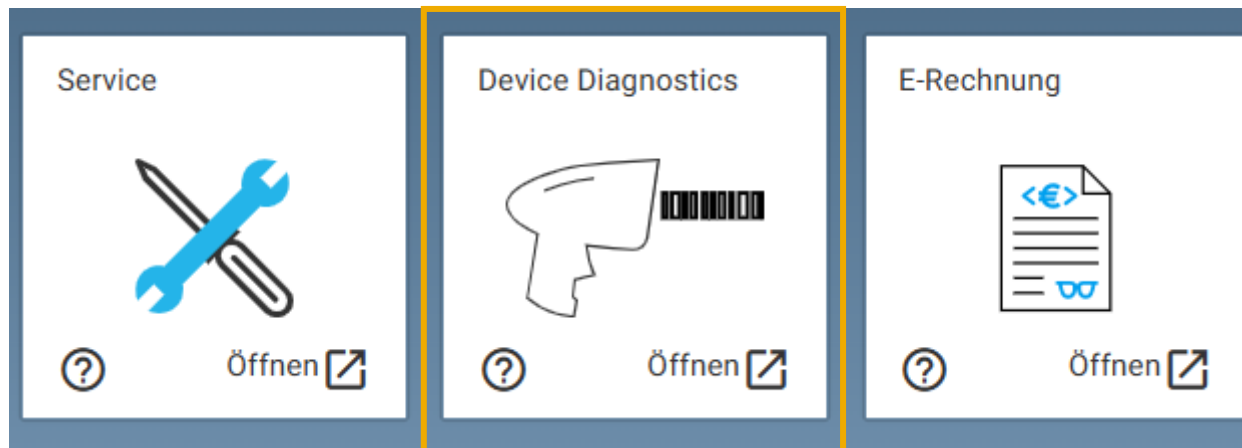
i If you do not see your scanner listed [print the bar code](#) and scan it to confirm the scanner is properly communicating over USB.

Clicking on a scanner above will begin the loading for that scanner. You can click the **FLASH/BEEP** icon within a row to find that particular scanner. Or to initiate the loading of all scanners, click the **LOAD TO ALL SCANNERS** button above.

[DISCOVERED SCANNER LIST](#) [CLOSE](#)

SAP Business One Cloud Portal: Device Diagnostics App

Im SAP Business One Cloud Portal die App „Device Diagnostics“ starten:



Device Diagnostics App: Konfiguration

Device Diagnostics **Geräte**

0.5.1

Scanner



Stift drücken (Edit) danach + drücken


 Schnittstelle

- Kamera
- Serielle Schnittstelle
- Virtual Keyboard

Prefix to data ASCII CTRL Alt Shift

Suffix to data ASCII CTRL Alt Shift

Learn

 GS1 labels

FNC1 character ASCII

Learn

Einstellungen übernehmen, danach Learn drücken

Device Diagnostics App: Konfiguration

Folgende Einstellungen übernehmen und am Ende mit Speichern Konfiguration abschließen.
Danach ggfs. die App mit F5 einmal neu laden.



Schnittstelle

- Kamera
- Serielle Schnittstelle

Virtual Keyboard

Prefix to data ASCII CTRL Alt Shift

Suffix to data ASCII CTRL Alt Shift

Learn

Einstellungen übernehmen, danach Learn drücken.
Dann Diskette (speichern) drücken.

Device Diagnostics App: Testen

In der Hauptansicht der Diagnostics App beispielsweise folgenden Barcode einscannen:



Hinweis: Drucken Sie diese Seite zu Testzwecken am besten aus.

Device Diagnostics App: Testergebnis

Wenn der Barcode 0123456789 oben in der Textbox gezeigt wird, dann wurde der Scanner erfolgreich als virtuelle Tastatur konfiguriert!



Barcode
0123456789

Show keyboard input

Clear console

Console

Time	Message	Runtime (ms)
04:15:34 PM	interpretOtherFormat using response types: Item, BinLocation, Barcode, LotNumber, SerialNumber	0
04:15:34 PM	Searching entity type Items for selected barcode: 0123456789	1
04:15:34 PM	Searching entity type BinLocation for selected barcode (1st attempt): 0123456789	2
04:15:34 PM	Searching entity type Barcode for selected barcode: 0123456789	1
04:15:34 PM	Searching entity type LotNumber for selected barcode: 0123456789	0
04:15:35 PM	Entity type SerialNumber didn't return any results.	384

Device Diagnostics App: Diagnose

Sollte der Barcode nicht in der Textbox erscheinen, dann folgende Schritte durchführen und mit der Support-App dem conesprit Support Team den Inhalt der Konsole zukommen lassen:

The screenshot shows the top part of the app. At the top, there is a barcode field with the text 'Barcode' and the value '0123456789'. Below this, there are two buttons: a camera icon and a document icon. In the bottom left corner, there are two buttons: 'Show keyboard input' (with a checked checkbox) and 'Clear console'. A yellow box highlights the 'Show keyboard input' and 'Clear console' buttons, with a '2' in a yellow box next to it. A '1' in a yellow box is positioned below the 'Clear console' button.

- 1) Konsole leeren
- 2) Checkbox anhaken
- 3) Scanvorgang für Barcode 0123456789 wiederholen
- 4) Inhalt der Konsole speichern und im Ticket einhängen

The screenshot shows the console output. The console is titled 'Console' and has a yellow box with the number '4' in the top right corner. The console contains a table with two columns: 'Time' and 'Message'. The table lists several keyboard events, each with a timestamp of '04:18:57 PM' and a message describing the event.

Time	Message
04:18:57 PM	Keyboard event 2 keyCode: 50 ctrl: false alt: true shift: false meta: false isStartCharacter: true isEr
04:18:57 PM	Keyboard event 0 keyCode: 48 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 1 keyCode: 49 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 2 keyCode: 50 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 3 keyCode: 51 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 4 keyCode: 52 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 5 keyCode: 53 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 6 keyCode: 54 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 7 keyCode: 55 ctrl: false alt: false shift: false meta: false isStartCharacter: false is
04:18:57 PM	Keyboard event 8 keyCode: 56 ctrl: false alt: false shift: false meta: false isStartCharacter: false is

SAP Business One



Haftungsausschluss

Die Informationen in dieser Publikation wurden aus Daten erarbeitet, von deren Richtigkeit ausgegangen wurde; wir übernehmen jedoch weder Haftung noch eine Garantie für die Richtigkeit und Vollständigkeit der Informationen.

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