### BARTEC

### Zusatzbeschreibung für Benutzerhandbuch 11-A1S4-7D0001

Handscanner BCS 36x8ex Serie

Typ 17-A1S4-\*HP\* ATEX / IECEx Zone 1/21 CSA Class I, II, III Division 1

Typ B7-A2S4-\*HP\* ATEX / IECEx Zone 2/22 CSA Class I, II, III Division 2

Datum: 14 November 2022

**Vorbehalt:** Technische Änderungen behalten wir uns vor. Änderungen, Irrtümer und Druckfehler begründen keinen Anspruch auf Schadensersatz.

BARTEC GmbH Max-Eyth-Straße 16 97980 Bad Mergentheim, GERMANY

Phone: +49 (0) 7931 597-0 Fax: +49 (0) 7931 597-119 Support: Download: Internet: em-support@bartec.com http://automation.bartec.de www.bartec.de

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### 1. Allgemeines zur Firmware

Die Handscanner BCS 36x8ex Serie hat eine zugehörige Firmware.

Die Firmware die BARTEC verwendet ist original von Zebra (Hersteller der nicht Ex-Version) und wird nicht von BARTEC verändert.

Die Firmware kann über die Zebra "123 Scan Utility" ausgelesen und aktualisiert werden.

Es gibt zwei verschiedene Firmware Versionen.

- kabelgebundene Version der BCS 3608<sup>ex</sup> Serie
- Bluetooth Version der BCS 3678ex Serie

#### Liste der Firmware Versionen:

BCS 3608ex Serie	BCS 3678ex Serie
Aktuelle Version: Stand 14 November 2022	Aktuelle Version: Stand 14 November 2022
<ul> <li>Release 030 - 2022.07.01 (SAACKS00-010-R03)</li> <li>Release 029 - 2022.01.13 (SAACKS00-010-R00) (currently installed)</li> </ul>	<ul> <li>Release 025 - 2022.07.01 (CAACJS00-010-R03)</li> <li>Release 024 - 2022.01.18 (CAACJS00-010-R00) (currently installed)</li> </ul>
Ältere Version:	Ältere Version:
Use older version of firmware (not recommended)	Use older version of firmware (not recommended)
<ul> <li>Release 027 - 2020.06.25 (SAACKS00-008-R00)</li> <li>Release 026 - 2020.04.02 (SAACKS00-007-R06)</li> <li>Release 002 - 2017.01.24 (SAACKS00-003-R00)</li> </ul>	<ul> <li>Release 022 - 2020.06.25 (CAACJS00-008-R00)</li> <li>Release 021 - 2020.04.02 (CAACJS00-007-R06)</li> <li>Release 011 - 2017.11.07 (CAACJS00-004-R03)</li> </ul>

#### Gegenüberstellung BARTEC mit Zebra Model:

BARTEC Model	Basiert auf Zebra Model		
	Mit HP Scan Engine	Mit ER Scan Engine	
BCS 3608 <sup>ex</sup> -NI BCS 3608 <sup>ex</sup> -IS	DS3608-HP Erkannt als: DS3608-HP20313VZWW DS3608-HP20123VZWW	DS3608-ER Erkannt als: DS3608-ER20123VZWW	
BCS 3678 <sup>ex</sup> -NI	DS3678-HP Erkannt als:	DS3678-ER Erkannt als:	
BCS 3678 <sup>ex</sup> -IS	DS3678-HP2F123VZWW DS3678-HP2F313VZWW	DS3678-ER2F123VZWW	
Basisstation 17-A1Z0-0014 G7-A0Z0-0010	Erkannt als: <mark>STB3678-C112F3WW</mark>		

### 2. 123 Scan Utility

123Scan ist ein einfach zu bedienendes, PC-basiertes Software-Tool, das die schnelle und einfache Einrichtung von Zebra-Scannern ermöglicht.

Unterstützte Scanner können über USB mit dieser Applikation eingerichtet und aktualisiert werden.

#### Installationsanforderungen

Hardware-Anforderungen

- Pentium Dual-Core E214 1,6GHz oder Pentium Mobile Dual-Core T2060 oder Pentium Celeron E1200 1,6GHz
- 2 GB RAM 1,2 GB freier Festplattenspeicher
- USB-Anschluss, 1.1 oder höher, für den Anschluss von USB-Scannern
- Minimale Bildschirmauflösung = 1024 x 768 Pixel

Weitere Informationen zu den Installationsanforderungen finden Sie direkt bei Zebra auf der Produktseite zur 123Scan Utility.

123Scan Utility ist eine Windows basierende Applikation die kostenlos verfügbar ist.

Download unter:

https://www.zebra.com/us/en/support-downloads.html

- Software
- Utilities
- 123Scan Utility

### 3. Notwendiges Equipment

#### Allgemein notwendig:

#### 1 x Windows PC

Mit folgender Ausstattung:

- Windows XP, 7, 8.1 oder 10
- USB Schnittstelle
- Internetverbindung um 123Scan Utility auf aktuellem Stand zu halten.

123Scan Utility muss auf dem Windows PC installiert sein.





Notwendig für kabelgebundene Version d	es BCS 3608 <sup>ex</sup> -IS:
1 x Handscanner BCS3608 <sup>ex</sup> -IS Typ: 17-A1S4-1HP0 Typ: 17-A1S4-1ER0	
1 x USB Programmierkabel Typ: 17-A1Z0-0020	



## 4. Durchführung des Firmware Update

1. 123Scan Utility starten.	
th, 123Scan	_ & × Barcodes * Preferences Tools * Help *
Start Data view	® ® ®
Å Actions ▼	
What do you want to do?	
Create new configuration file	
Load existing configuration file	
Clone/modify my connected scanner settings	
Lindate scanner firmware	
Recent files	
Type Model Name Ver. Date modified File name and location	
More Files	
2123Scan Updater: Your utility and plug-ins are up-to-date as of 14.05.2019, 13.22. View update history Supported scanners Release	e notes   Check for updates
<ol> <li>Scanner über USB verbinden.</li> <li>Gegebenenfalls folgende Barcodes einscannen.</li> </ol>	
IInnairing - optional	
Nur bei Verwendung der BCS3678ex Serie.	
Löscht alle bestehenden Bluetooth Kopplungen.	
	Unpairing

#### Factory Default

Setzt Gerät auf Fabrikeinstellung zurück.

In Fabrikeinstellung ist USB HID Modus aktiviert.



### Set Factory Defaults

Wenn ein BCS3678<sup>ex</sup> verwendet wird, müssen Sie zuerst die Kopplung mit Ihrer angeschlossenen Basisstation herstellen.

- 3. Wenn Scanner über PC mit 123Scan Utility verbunden wird warten bis Verbindung aufgebaut ist. Scanner meldet dies normalerweise mit einem Bestätigungston.
- 4. "Update scanner firmware" auswählen.

Start L	Data view				
ACTIONS *	202 18				
What do y	ou want to do	?			
Greate	new configura	ation file			123Scan Overview     June to Millerer
Load ex	ustine configu	ration file			C HOW ID VIGEOS
Clone/n	nodify my cor	nected scanner s	ettings		
Update	scanner firm	ware			
Becert B	Update	scanner(s) with a standard	USB cable		
Туре	Model	Name	Ver.	Date modified	File name and location

Actions -  What do you want to do?  Create new configuration file  Load existing configuration file  Clone/modify my connected scanner settings  Update scanner firmware  Apdate firmware  Confirm that you want to update th  Type Model Name  DS3678-STANDARD SR MO Seria number 17227323082548	1235can Overview How to Videos ne following scanner DELS + CRADLE
Create new configuration file         Load existing configuration file         Clone/modify my connected scanner settings         Update scanner firmware         Placent files         Type       Model         Name         DS3678-STANDARD SR MO Seria numberi 1722703062546	1235can Overview How to Viceos ne following scanner DELS + CRADLE Release Notes:
Load existing configuration file Clone/modify my connected scanner settings Update scanner firmware Reacert files Confirm that you want to update the DS3678-STANDARD SR MO Serial number 17227023082548	ne following scanner DDELS + CRADLE Release Notes:
Clone/modify my connected scanner settings         Update scanner firmware         Opdate firmware	ne following scanner DDELS + CRADLE Release Notes:
Update scanner firmware	ne following scanner DDELS + CRADLE Release Notes:
Recert files      Type     Model     Name      Confirm that you want to update th      DS3678-STANDARD SR MO     Serai rumberi 17227023082548	ne following scanner DDELS + CRADLE Release Notes:
Type Model Name DS3678-STANDARD SR MO Senai numberi 17227323812548	DDELS + CRADLE Release Notes:
More Files	(SAACKS00-004-R02) (SAACKS00-004-R02) * Release SAACKS00-006-R00 - February 2019 * CAACKS00-0006-R00 - February 2019 * CAACKS00-008-R00 - February 2019 1. Updated Imagekit to support the following : a. Added support for Dotcode (for use on -HD and Sk units) b. Changed MSI Check digits to include option for None. c. Fix for OCR US Currency not sending the 'U' as in 2. Fixes so that there is no error beep if ADF rule creat that has no data to transmit (for example, a rule that ja

6. Vorbereiten des Firmware Update.

Auswahl ob aktuelle Programmierung beibehalten werden soll oder Gerät nach Update auf Fabrikeinstellung zurückgesetzt wird.

Confirm	that you want to update the following scanner	
	DS3678-STANDARD SR MODELS + CRADLE         Senal number: 17227523081548         Existing:       Release 004 - 2018.05.17 (SAACKS00-004-R02)         Update to:       Release 021 - 2019.02.15 (SAACKS00-006-R00)         Check for Updates       Select attenuate (remeane)         During firmware update, your scanner settings can be changed.       Choose from the options below:         Option 1 - Load firmware BL/T Keep current settings (Recommended)       Option 2 - Load firmware AND Reset to factory defaults         Option 3 - Load firmware THEN Load other settings       Diate to factory defaults	Release Notes:         * Release SAACKS00-006-R00         * CAACKS00-006-R00 - February 2019         * CAACKS00-003-R01 - February 2019         * CAACNS00-003-R01 - February 2019         * LUpdeted Imagekit to support the following :         a. Added support for Datcode (for use on -HD and -SR units)         b. Changed MSI Check digits to include option for None.         c. Fix for OCR US Currency not sending the '0' as n '0'         2. Fixes so that there is no error beep if ADF rule created that has no data to transmit (for example, a rule that just
	Update firmware	

7. Firmware Update starten durch Auswahl von "Update firmware".

Senal number Existing: Update to:	TANDARD SR MODELS + CRADLE 1 17227523081548 Release 004 - 2018.05.17 (SAACKSOD-004-R02)	Release Notes:
Senai number Bristing: Update to:	n 17227523081548 Release 004 - 2018.05.17 (SAACKS00-004-R02)	
Existing: Update to:	Release 004 - 2018/05/17 (SAACK500-004-R02)	
Update to:		* Release SAACKS00-005-800
and the second s	Release 021 - 2019.02.15 (SAACK500-006-R00)	* CAACKS00-005-R00 - February 2019
Check for Up	lates	<ul> <li>CAACN500-003-R01 - February 2019</li> </ul>
Select alberra	e Cemmene	
		<ol> <li>Updated Imagekit to support the following :</li> </ol>
During firmw	are update, your scanner settings can be changed.	a. Added support for Dotcode (for use on -HD and -
Choose from	the options below:	SR units)
Option 1	- Losd firmware BUT Keep current settings (Recommended)	b. Changed MSI Check digits to include option for
Option 2	- Load firmware AND Reset to factory defaults	None.
Option 3	- Load firmware THEN Load other settings	C. Fix for OCK US Carrency for sending the U as in U
		2. Fixes so that there is no error beep if ADF rule created
		that has not data to transmit (for assemble, a tria that just it
C) opionio	- Loca infinitiale i Pierr Local caref scalings	2. Fixes so that there is no error beep if ADF rule create

#### 8. Mit "CONTINUE" bestätigen das Update durchgeführt werden soll.

#### Wichtig: Verbindung darf nicht mehr unterbrochen werden um Beschädigung am Gerät zu vermeiden!

Confirm	hat you want to update the following scanner	
-	DS3678-STANDARD SR MODELS + CRADLE	Release Notes:
	Existing: Release 004 - 2018.05.17 (SAACK500-004-R02)	* Release SAAC/S00.005.800
	Update to: Release 021 Upgrade firmware and reset to factory default	× -R00 - February 2019
-	Contrin you want scenner sets Choose from the options Option 1 – Load firm Option 2 – Load firm Option 3 – Load firm	Potcode (for use on -HD and - ck digits to include option for rency not sending the '0' as n '0'     2. Fixes so that there is no error beep if ADF rule created
		that has no data to transmit (for example, a rule that just

9. Update startet.

Update Verlauf wird durch Fortschrittsbalken angezeigt.

Confirm that you want	to undate the following scapper	
DS3678-STAI Senal number: 172	NDARD SR MODELS + CRADLE 27523081548	
Existing: Relea Update to: Relea	se 004 - 2018.05.17 (SAACK500-004-R02) se 021 - 2019.02.15 (SAACK500-006-R00)	
	Step 1 - Initializing firmware update	
	AL DO NOT disconnect scanner.	
Oraște ana		
DISCOVERED SCANNER LIST	j.	CLOSE
DISCOVERED SCANNER LIST		CLOSE
DISCOVERED SCANNER LIST	j	CLOSE
DISCOVERED SCANNER LIST Fr Settings Update firmware	Ĵ	CLOSE
DISCOVERED SCANNER LIST or settings Update firmware	to update the following scapper	CLOSE
DISCOVERED SCANNER LIST or settings Update firmware Confirm that you want	to update the following scanner	CLOSE
DISCOVERED SCANNER LIST or Settings Update firmware Confirm that you want DS3678-STA Senai number 17	to update the following scanner NDARD SR MODELS + CRADLE	CLOSE
DISCOVERED SCANNER LIST DISCOVERED SCANNER LIST DISCOVERED SCANNER LIST Update firmware Confirm that you want DS3678-STA Senal number 17 Existing: Date Update to: Relet	to update the following scanner NDARD SR MODELS + CRADLE 127523081548 ISE 014 - 2018.05.17 (SAACKSOD-004-R02) ISE 012 - 2018.02.15 (SAACKSOD-004-R02)	CLOSE
DISCOVERED SCANNER LIST OF SELLINGS Update firmware Confirm that you want Senai rumber 17 Existing: Relea Update for Relea	to update the following scanner NDARD SR MODELS + CRADLE 127523081548 see 004 - 2018.05.17 (SAACK500-004-R07) see 021 - 2019.02.15 (SAACK500-006-R00)	CLOSE
DISCOVERED SCANNER LIST OF SERIINGS Update firmware Confirm that you want DS3678-STA Senal number 17 Existing: Relea Update for Relea	to update the following scanner NDARD SR MODELS + CRADLE 127523081548 Ree 04 - 2018.05.17 (SAACKS00-004-R02) See 021 - 2018.02.15 (SAACKS00-006-R00)	CLOSE
DISCOVERED SCANNER LIST OF SELLINGS Update firmware Confirm that you want <b>DS3678-STA</b> Serial number 17; Existing: Refer Update to: Refer	to update the following scanner NDARD SR MODELS + CRADLE 127523081548 see 004 - 3018.05.17 (SAACK500-004-R02) see 021 - 2019.02.15 (SAACK500-006-R00) Step 2 - Updating firmware	CLOSE
DISCOVERED SCANNER LIST or Settings Update firmware Confirm that you want Senai rumber 17 Existing: Relat Update for Relat	to update the following scanner NDARD SR MODELS + CRADLE 127523081548 Isse 004 - 2018.05.17 (SAACK500-004-R02) Isse 021 - 2019.02.15 (SAACK500-006-R00) Step 2 - Updating firmware	CLOSE
DISCOVERED SCANNER LIST Update firmware Confirm that you want Internet that you want DS3678-STA Serial number 17 Existing: Relea Update to: Relea	to update the following scanner NDARD SR MODELS + CRADLE 127513081548 ISRE 004 - 2018.05.17 (SAACKS00-004-R02) ISRE 021 - 2019.02.15 (SAACKS00-006-R00) Step 2 - Updating firmware ISRC Do NOT disconnect scanner.	CLOSE
DISCOVERED SCANNER LIST OF Settings Update firmware Confirm that you want Senai rumber 17 Existing: Relea Update for: Relea	to update the following scanner NDARD SR MODELS + CRADLE 127523081548 INFO 04 - 2018.05.17 (SAACK500-004-R07) ISSE 021 - 2019.02.15 (SAACK500-006-R00) Step 2 - Updating firmware IFAC	CLOSE
DISCOVERED SCANNER LIST T SELLINGS Update firmware Confirm that you want DS3678-STA Serial number 17; Existing: Relea Update to: Relea	to update the following scanner NDARD SR MODELS + CRADLE 1275133081548 Isse 021 - 2018.02.15 (SAACKS20-004-R02) Isse 021 - 2018.02.15 (SAACKS20-006-R02) Step 2 - Updating firmware 126 Do NOT disconnect scanner.	CLOSE

10. Update erfolgreich beendet. Mit "Close" das Menü beenden.

opdate in the	vore		
Confirm	n that you want to u	odate the following scanner	
60	DS3678-STANDAR	D SR MODELS + CRADLE	
	Senal number: 172275230	11548	
	Existing: Release 004 - Update to: Release 021 -	2018.05.17 (SAACK500-004-R02) 2019.02.15 (SAACK500-006-R09)	
		Comment of the second second second second	
		scanner not discoverable. Reconnect scanner and try again.	
	In the second second		
	(Balaccontinuation)		

11. Überprüfen ob Update erfolgreich war.

Öffnen Sie erneut das "**Update scanner firmware**" und vergleichen die installierte Version mit der verfügbaren. Beide angezeigte Versionen müssen identisch sein.

Senai number: 17227523081548 Existing: Release 021 - 2019.02.15 (SAACKSOD-006-R00) Update to: Release 021 - 2019.02.15 (SAACKSOD-006-R00) Check for Updates Seriect alternate finnware During firmware update, your scanner settings can be changed. Checke from the options below:  Option 1 – Load firmware BUT Keep current settings (Recommended) Option 2 – Load firmware AND Reset to factory defaulte Option 3 – Load firmware THEN Load other settings	Release Notes:
	DS3678-STANDARD SR MODELS + CRADLE Senal number: 17227523081548 Bristing: Release 021 - 2019.02.15 (SAACK500-006-R00) Update to: Release 021 - 2019.02.15 (SAACK500-006-R00) Check for Updates Select alternate firmware During firmware update, your scanner settings can be changed. Choose from the options below: Option 1 - Load firmware BUT Keep current settings (Recommended) Option 2 - Load firmware AND Reset to Sectory defaults Option 3 - Load firmware THEN Load other settings