

Software Information Sheet



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General Information

Model Name:	EBA-40-SD3				SW. Req. No.	C18-0565-01		G18-308	
SW. Name:	EBA-40(CZE)-SD3 ID-003				Date: (mm,dd,yyyy)	08.28.2018		Rev:	A1
SW. Version:	V1.50-04				Note:	-			
Country (Code):	Czech Republic (CZE)				Guide:	None			
Currency:	Korun				CRC (seed= 0000):	BA61			
Direction:	4Way				CRC32	2206DAFF			
Denomination:	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#	
Years & MRI Ident # MRI Bankers' Guide to Foreign Currency 90 th Edition	100	'95	-	CZK100.1B	500	'09	-	CZK500.1D	
	100	'97	-	CZK100.1C	1000	'96	'93	CZK1000.1B	
	100	'18	-	CZK100.3	1000	'08	-	CZK1000.1C	
	200	'96	-	CZK200.1B	2000	'96	'96	CZK2000.1A	
	200	'98	-	CZK200.1C	2000	'99	-	CZK2000.1B	
	200	'18	-	CZK200.2	2000	'07	-	CZK2000.1C	
	500	'95	-	CZK500.1B	5000	'99	'99	CZK5000.1B	
	500	'97	-	CZK500.1C	5000	'09	-	CZK5000.1B	
AcceptanceRate:	No less than 98%								
ACCLOAD Program	V3.17 or later								
JCM Tool Suite	JCM Tool Suite				Version 1.36				
	JCM Downloader for Suite Edition				Version 1.9.0.0				
	ACCLOAD3 for Suite Edition				Version 3.18.3.0				
	EBA-40 Calibration Tool for Suite Edition				Version 1.4.1.0				
	EBA-40 Performance Tool for Suite Edition				Version 1.2.0.3				
	EBA-40 Event Log View Tool for Suite Edition				Version 1.1.3.0				
Bar Ticket: (optional feature)	Accepts JCM specified barcode tickets.								
ROM:	64Mbit Flash ROM								
Modifications:	V1.42-03➡ V1.50-04								
Validation:	1. Added acceptance for CZK100.3 and CZK200.2 banknotes. 2. Change order of error checks to prevent rejected tickets showing up as Banknotes.								
Operation:	1. Enabled Cleaning Card operation for Cards with new design. 2. Fixed a rare CPU freeze. 3. Added delay of about 3 seconds during initialization process in case of “Stacker Open” for EBA-40 ID-003.								
Interface:	1. Fixed possible loss of communication when sending message with invalid length information.								
Memo:	<ul style="list-style-type: none">- The 2000 and 5000 Korun notes acceptance will be disabled automatically when the SD3 operation is selected as their length is out of specification for the operation with the stacker.- Standard model doesn't have the Bar sensor. In this case, please set the Disable Barcode operation. (Dip Switch 2 #5 OFF)- Baud rate 38400bps speed during software download is not guaranteed.- Due to similarities of CZK100.1A and CZK100.1B/CZK100.1C, CZK100.1A may be accepted.- Due to similarities of CZK200.1A and CZK200.1B/CZK200.1C, CZK200.1A may be accepted.- EBA Cleaning card is supported.								

Dip Switch Settings

#	Dip Switch 1		Dip Switch 2
1	OFF	Setting OFF	Without SD3 operation
	ON	Setting OFF	SD3 operation (2000 and 5000 Korun disable)
2	OFF	100 ACCEPT	Setting OFF
	ON	100 INHIBIT	Setting OFF
3	OFF	200 ACCEPT	Setting OFF
	ON	200 INHIBIT	Setting OFF
4	OFF	500 ACCEPT	TTL/photo coupler operation
	ON	500 INHIBIT	RS232C operation
5	OFF	1000 ACCEPT	Disable Barcode operation
	ON	1000 INHIBIT	Enable Barcode operation
6	OFF	2000 ACCEPT	Setting OFF
	ON	2000 INHIBIT	Setting OFF
7	OFF	5000 ACCEPT	Cleaning-mode is permanently ON
	ON	5000 INHIBIT	Cleaning-mode can be switched by command
8	OFF	Setting OFF	Setting OFF
	ON	Test mode	Setting OFF

ID-003 Data Setting specification

VERSION DATA

SW. Version	E(CZE)-40-SD3 ID003-05v150-04 28AUG18 BA61
Boot Version	B01/B02

ESCROW DATA

Code	Denomination
61h	Reserved
62h	Reserved
63h	Reserved
64h	100
65h	200
66h	500
67h	1000
68h	2000
69h	5000

CURRENCY ASSIGN DATA

Code	Country	Denomination	Exp.
61h	00h	00h	00h
62h	00h	00h	00h
63h	00h	00h	00h
64h	2Ch	0Ah	01h
65h	2Ch	14h	01h
66h	2Ch	32h	01h
67h	2Ch	64h	01h
68h	2Ch	C8h	01h
69h	2Ch	32h	02h

ENABLE/DISABLE DATA

DATA bit	Data 1	Data 2
0	Reserved	5000
1	Reserved	Reserved
2	Reserved	Reserved
3	100	Reserved
4	200	Reserved
5	500	Reserved
6	1000	Reserved
7	2000	Reserved



0: Enable 1: Disable (Default: **07FEh**)
(With SD3) (Default: **87FFh**)

SECURITY DATA

DATA bit	Data 1	Data 2
0	Reserved	5000
1	Reserved	Reserved
2	Reserved	Reserved
3	100	Reserved
4	200	Reserved
5	500	Reserved
6	1000	Reserved
7	2000	Reserved

0: Normal 1: Security Level high (Default: **0000h**)

DIRECTION DATA

DATA bit	Direction	Sample: 100 Korun
0	'A' Direction	
1	'B' Direction	
2	'C' Direction	
3	'D' Direction	
4	Not used	
5	Not used	
6	Not used	
7	Not used	

0: Not Inhibit 1: Inhibit (Default: **00h**)

OPTIONAL FUNCTION DATA

DATA bit	Data 1	Data 2
0	Not used	Not use
1	Power Recovery [02]	Not use
2	Not used	Not use
3	Not used	Not use
4	Not used	Not use
5	Not used	Not use
6	Not used	Not use
7	Encryption [80]	Not use

0: Disable 1: Enable (Default: **0000h**)

BAR CODE FUNCTION DATA

	Code	Function
Data 1	01h	Barcode type (interleaved 2 of 5)
Data 2	12h	Character length (18 char)
Data 2	FFh	Character Length(18 to 28 char)

[02] POWER RECOVERY

Limited to the case where power up status is [POWER UP WITH BILL IN STACKER] with power supply off while ACCEPTOR is in [STACKING] status, [VEND VALID] is outputted in case initializing is completed normally.

Since SETTING STATUS becomes DEFAULT 0000H by power supply off, it is necessary to conduct setting without fail after [RESET] command is transmitted.

[80] Encryption

When the “1” is set in the OPTIONAL FUNCTION DATA Bit7 the ENCRYPTION will be enabled.

When the ENCRYPTION is enabled, the ESCROW and VEND VALID messages will be encrypted.

For more details, please refer to another document, “ID-003 Encryption Procedure“.