

Software Information Sheet



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General Information

Model Name:	EBA-40-SD3				SW. Req. No.	C20-0155-01		G20-093	
SW. Name:	EBA-40(EUR5)-SD3 ID-003				Date: (mm.dd.yyyy)	05.27.2020		Rev:	A1
SW. Version:	V1.55-38				Note:	-			
Country (Code):	European Union (EUR5)				Guide:	None			
Currency:	Euro				Check Sum:	43B0C905			
Direction:	4Way				CRC (seed= 0000):	AE34			
-	-				CRC32	E51F5635			
Denomination:	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#	
MRI Bankers' Guide to Foreign Currency 94 th Edition	5	'02	'02	EUR5.1	50	'17	'17	EUR50.2	
	5	'13	'13	EUR5.2	100	'02	'02	EUR100.1	
	10	'02	'02	EUR10.1	100	'19	'19	EUR100.2	
	10	'14	'14	EUR10.2	200	'02	'02	EUR200.1	
	20	'02	'02	EUR20.1	200	'19	'19	EUR200.2	
	20	'15	'15	EUR20.2	500	'02	'02	EUR500.1	
	50	'02	'02	EUR50.1	-	-	-	-	
Acceptance Rate:	No less than 98%								
ACCLOAD Program	V3.17 or later								
JCM Tool Suite	JCM Tool Suite					Version 1.36.2			
	JCM Downloader for Suite Edition					Version 1.9.0.0			
	ACCLOAD3 for Suite Edition					Version 3.18.4.0			
	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 1.1.4.0			
Bar Ticket: (optional feature)	Accepts JCM specified barcode tickets.								
ROM:	64Mbit Flash ROM								
Modifications:	V1.53-35 → V1.55-38								
Validation:	1. Added countermeasures against EUR20.1 fake notes, EUR50.2 CF banknotes and EUR50.2 HF notes. 2. Improved acceptance of EUR100.2.								
Operation:	1. Added Double Paper Payout Detection Function set by DIP-SW 2-6.								
Interface:	1. Fixed a bug with Interrupt-Mode-1, that caused rejected notes to stop in escrow position.								
Memo:	- Standard model doesn't have the Bar sensor. In this case, please set the Disable Barcode operation. (Dip Switch #2-5 OFF). - Paper Payout Detection can only be enabled, when SD3 operation is disabled.								

Dip Switch Settings

#	Dip Switch 1			Dip Switch 2
1	OFF	5	ACCEPT	Without SD3 operation
	ON	5	INHIBIT	SD3 operation
2	OFF	10	ACCEPT	Disable optional key switch
	ON	10	INHIBIT	Enable optional key switch
3	OFF	20	ACCEPT	Setting OFF
	ON	20	INHIBIT	Setting OFF
4	OFF	50	ACCEPT	TTL/photocoupler operation
	ON	50	INHIBIT	RS232C operation
5	OFF	100	ACCEPT	Disable Barcode operation
	ON	100	INHIBIT	Enable Barcode operation
6	OFF	200	ACCEPT	Disable Paper Payout Detection
	ON	200	INHIBIT	Enable Paper Payout Detection
7	OFF	500	ACCEPT	The cleaning-mode is permanently ON
	ON	500	INHIBIT	The cleaning-mode can be switched by command
8	OFF		Setting OFF	Setting OFF
	ON		Setting OFF	Setting OFF

ID-003 Data Setting specification

VERSION DATA

SW. Version	E(EUR5)-40-SD3 ID003-05v155-38 27MAY20 AE34
Boot Version	B01/B02

ESCROW DATA

Code	Denomination
61h	Reserved
62h	5
63h	10
64h	20
65h	50
66h	100
67h	200
68h	500

CURRENCY ASSIGN DATA

Code	Country	Denomination	Exp.
61h	00h	00h	00h
62h	E0h	05h	00h
63h	E0h	0Ah	00h
64h	E0h	14h	00h
65h	E0h	32h	00h
66h	E0h	0Ah	01h
67h	E0h	14h	01h
68h	E0h	32h	01h

ENABLE/DISABLE DATA

DATA bit	Data 1	Data 2
0	Reserved	Reserved
1	5	Reserved
2	10	Reserved
3	20	Reserved
4	50	Reserved
5	100	Reserved
6	200	Reserved
7	500	Reserved

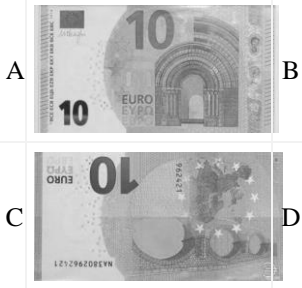

0: Enable 1: Disable (Default: **01FFh**)

SECURITY DATA

DATA bit	Data 1	Data 2
0	Reserved	Reserved
1	Reserved	Reserved
2	Reserved	Reserved
3	Reserved	Reserved
4	Reserved	Reserved
5	Reserved	Reserved
6	Reserved	Reserved
7	Reserved	Reserved

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

DIRECTION DATA

DATA bit	Direction	Sample: 10 EURO
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 used
1	Power Recovery [02]	Not used
2	Not used	Not used
3	Not used	Standard security [08]
4	Not used	Not used
5	Not used	Not used
6	Not used	Not used
7	Encryption [80]	Not used

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)

Data 1

[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 “ID-003 Encryption Procedure”.

Data 2

[08] Enable standard security

This Function will be enabled by setting “1” in Optional Function “Data2 Bit 3”.

When this function is enabled the acceptor will use the standard security operations.