



Software Information Sheet

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General Information

Model Name:	UBA-10/11-SS				SW.Req. No.	C19-0476-01		G19-288	
SW. Name:	UBA-10(EUR5)-SS ID-003				Date: (mm,dd,yyyy)	09.03.2019		Rev:	A1
SW. Version:	V3.01-52				Note:	-			
Country (Code):	European Union (EUR5)				Guide:	-			
Currency:	Euro				Check Sum:	22FD			
Direction:	4Way				CRC (seed= 0000):	B463			
SHA-1 (seed = 67452301EFCDA8998BADCFE10325476C3D2E1F0)					F13651997EE19357092E398C9E95818496D17A2D				
Denomination: Years & MRI Ident MRI Bankers' Guide to Foreign Currency 93 rd Edition	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#	
	5	'02	'02	EUR5.1	50	'02	'02	EUR50.1	
	5	'13	'13	EUR5.2	50	'17	'17	EUR50.2	
	10	'02	'02	EUR10.1	100	'02	'02	EUR100.1	
	10	'14	'14	EUR10.2	100	'19	'19	EUR100.2	
	20	'02	'02	EUR20.1	200	'02	'02	EUR200.1	
	20	'15	'15	EUR20.2	200	'19	'19	EUR200.2	
					500	'02	'02	EUR500.1	
Acceptance Rate:	Normal: No less than 98 % High Security: No less than 80 %								
JCM Tool Suite	JCM Tool Suite V1.36.2						Update Pack: Non		
AccLoad Program:	NEW ACCLOAD V3.18.4								
Barcode Ticket:	Accepts JCM specified barcode tickets.								
ICB	ICB feature is enabled or disabled with ICB Enable / Disable setting barcode ticket or with ICB Enable / Disable Command.								
EPROM: (UBA11)	8 M bit, 100 nanosecond data access, or faster. ST Part M27C801-100F1 or equivalent								
Modifications:	V2.99-52→ V3.01-52								
Validation:	1. Improved acceptance of EUR20.2 and EUR200.2. 2. Added countermeasures against CF EUR20.1 and CF EUR50.2 3. Improved countermeasures against EUR20.2 dyed notes and CF EUR50.2.								
Operation:	-								
Interface:	-								
Memo:	-								

Dip Switch Settings

#	Dip Switch		
1	OFF	5	ACCEPT
	ON	5	INHIBIT
2	OFF	10	ACCEPT
	ON	10	INHIBIT
3	OFF	20	ACCEPT
	ON	20	INHIBIT
4	OFF	50	ACCEPT
	ON	50	INHIBIT
5	OFF	100	ACCEPT
	ON	100	INHIBIT
6	OFF	200	ACCEPT
	ON	200	INHIBIT
7	OFF	500	ACCEPT
	ON	500	INHIBIT
8	OFF	Setting OFF	
	ON	Setting OFF	

ID-003 Data Setting specification

VERSION DATA

SW. Version	U(EUR5)10-SS ID003-05V301-52 03SEP19 B463
Boot Version	B01/B02/B03

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: **0100h**)

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

DIRECTION DATA

DATA bit	Direction	Sample demonination: 100
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	Retry Function [04]	Not used
3	24char bar ticket accept[08]	Not used
4	Not used	Not used
5	Nearly Full [20]	Not used
6	Entrance Sensor Event [40]	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)
	FFh	Multi Barcode Ticket acceptance in the range of length 18 characters to 28 characters.

[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.

[04] WITHOUT RETRY FUNCTION

Set effective (default) / invalidity of an automatic Retry function.

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

[08] 24-digit Barcode Ticket Acceptance

Assigned Optional Function "Data 1, bit 3" to enable / disable 24-digit barcode tickets.

① Set "0": only 18-digit barcode tickets will be accepted (default setting)

② Set "1": both 18-digit and 24-digit barcode tickets will be accepted

This setting command is accepted during the initial status only.

The last barcode ticket number registered in the ICB shows the first 18 digits only even if 24-digit barcode is accepted because the ICB supports only up to 20 digits.

[20] Nearly Full Function

The Nearly Full function will be enabled when "1" is set in the OPTIONAL FUNCTION DATA Bit 5.

The "NEARLY FULL" status will be sent when the quantity of the stored notes exceeds the specified amounts (Normal: 425 / Large: 825) as a response to the Status Request only after the "STACKED" status.

The "IDLING" status will be sent to the next Status Request.

Until the quantity of the stored notes is initialized, the "NEARLY FULL" status will be reported when the note is put in the cash box.

The quantity of the stored notes will be initialized when the cash box is removed while the power is on.

[40] Entrance Sensor Event

The "Entrance Sensor Event" will be enabled when "1" is set in the OPTIONAL FUNCTION DATA Bit 6.

By follow description of function.

1. When the Entrance Sensor detects a note while the ACCEPTOR is in the DISABLE (INHIBIT) Status, the insertion of the note will be reported to the CONTROLLER in the Status Response from the ACCEPTOR.
2. This function will be included in the OPTIONAL FUNCTION. When the setting is enabled, a data byte [one byte] will follow the DISABLE (INHIBIT) Status of the ACCEPTOR, and the status of the Entrance Sensor (ON or OFF) will be reported to the CONTROLLER in the lower byte.
3. This setting will be cleared when the ACCEPTOR is powered off, or the Reset Command from the CONTROLLER is received.

For more details, please refer to "ID-003 Entrance Sensor Status Report Function Specification.doc".

[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".