

Software Information Sheet



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General Information

Model Name:	PUB-7/11-EUR-1020-X2				SW.Req. No.	C18-0894-01	G18-527	
SW. Name:	PUB-7(EUR5) ID-002/0D3				Date: (mm,dd,yyyy)	03.04.2019	Rev:	A1
SW. Version:	V2.29-A2				Note:	-		
Country(Code):	European Union (EUR)				Guide:	Type-1(68mm/83mm)		
Currency:	Euro				Check Sum:	AD52		
Direction:	4 Way				CRC (seed= 0000):	9DE3		
Denomination: Years & MRI Ident MRI Bankers' Guide to Foreign Currency 92 nd Edition	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	5	-	-	EUR5.1	50	'17	'17	EUR50.2
	5	-	'13	EUR5.2	100	-	-	EUR100.1
	10	-	-	EUR10.1	100	'19	'19	EUR100.2
	10	-	'14	EUR10.2	200	-	-	EUR200.1
	20	-	-	EUR20.1	200	'19	'19	EUR200.2
	20	-	'15	EUR20.2	500	-	-	EUR500.1
	50	-	-	EUR50.1	-	-	-	-
AcceptanceRate:	No less than 90%							
EPROM:	Flash ROM only (8Mbit)							
Modifications:	V2.24-98 → V2.29-A2							
Validation:	<ol style="list-style-type: none"> 1. Add recognition of EUR100.2 and EUR200.2. 2. Enhanced counter-measure against CF and HF EUR50.1. 3. Enhanced counter-measure against HF EUR20.1. 4. Add counter-measure against CF EUR50.2. 							
Operation:	-							
Interface:	-							
Memo:	<ul style="list-style-type: none"> - After downloading this software to a unit with the software Vx.xx-19 or before, the following process is required to reset the individual address: <ol style="list-style-type: none"> 1. Set the DIP-Switches #1 and #8 to "ON". 2. Activate the unit. 3. The bezel LEDs will blink in white. 4. Set the DIP-Switch #1 to "OFF". - Once the Vx.xx-22 or Vx.xx-30 has been installed in the unit, the bezel illumination pattern #3, solid blue will continued to be set as default until the DIP-Switches is re-set to select the illumination pattern after installing this software. - The 5 and 10 Euro banknotes need to be inserted in the lower tray of the bezel. 							

DIP Switch Settings

#	DIP Switch										
1	OFF	Normal operation									
	ON	Test Mode(Setting Mode)									
2	OFF	1-time scan mode (without validation retry)									
	ON	2-time scan mode (with validation retry)									
3	OFF	Normal Security									
	ON	High Security									
4	OFF	1-time spin mode									
	ON	5-time spin mode									
5	Serial I/F mode(DIP-SW8=OFF)		Pulse I/F mode(DIP-SW8=ON)								
			SW5	PULSE WIDTH							
			OFF	50ms/50ms							
			ON	150ms/180ms							
6	<table><tr><td>SW6</td><td>SW7</td><td>I/F selection</td></tr><tr><td>ON</td><td>OFF</td><td>ID-0D3</td></tr></table>		SW6	SW7	I/F selection	ON	OFF	ID-0D3	SW6	SW7	Number of PULSE
SW6			SW7	I/F selection							
ON			OFF	ID-0D3							
OFF			OFF	5 Euro = 1 Pulse							
OFF			ON	5 Euro = 2 Pulse							
7	ON	OFF	5 Euro = 5 Pulse								
	ON	ON	5 Euro = 10 Pulse								
8	OFF	Serial I/F Mode (Selected by DIP6&7)									
	ON	Pulse I/F Mode									

(*1) Denomination Setting Mode

1. Make a note of the current DIPSW setting.
2. Power off.
3. Power up the acceptor at TEST MODE operation (DIPSW1=ON).
4. Keep DIPSW1=ON and set DIPSW6=ON. Other Switches=OFF.
5. Set DIPSW1=OFF to enter the standby mode (Status LED will Blink in sky blue or orange).
6. Set Enable or Disable mode
 - . Enable Denomination mode: DIPSW7=OFF(Status LED will Blink in sky blue).
 - . Disable Denomination mode: DIPSW7=ON (Status LED will Blink in orange).
7. Insert a bill you wish to set enable / disable.
8. Acceptor rejects the bill in one of the following conditions:
 - . When Enable Denomination Setting -> Reject with status LED in Skyblue.
 - . When Disable Denomination Setting -> Reject with status LED in orange.
 - . When validation was not good - > Reject with status LED in red.
9. For another banknote, repeat from step 5.
10. If setting is completed, power off.
11. Restore the original DIPSW setting.
12. Power up.
13. Acceptor returns to standby mode, and the setup is completed.
14. After firmware update the setting remains unchanged.

Denominations Enabling Process:

1. Set DIP Switches #1, #3, #4, #5, #6, & #7 to the "ON" position, #2 & #8 to the "OFF" position, and apply power to the unit.
2. The bezel LEDs will be flashing in white.
3. Set DIP Switch #1 to the "OFF" position.
4. The bezel LEDs will be lit in blue, and the setup is complete.

**** Remark ****

This process will be effective only in the Vx.xx-36 or newer.

In the Vx.xx-35 or older, each denomination needs to be enabled manually.

(*2) LED Illumination Pattern Setting

1. Make a note of the current DIPSW setting.
2. Power off.
3. [Pattern 1] Power up the acceptor with DIPSW1, 2, 7 = ON. Other Switches = OFF.
[Pattern 2] Power up the acceptor with DIPSW1, 3, 7 = ON. Other Switches = OFF.
[Pattern 3] Power up the acceptor with DIPSW1, 7 = ON. Other Switches = OFF.
[Pattern 4] Power up the acceptor with DIPSW1, 2, 3, 7 = ON. Other Switches = OFF.
[Pattern 5] Power up the acceptor with DIPSW1, 4, 7 = ON. Other Switches = OFF.
[Pattern 6] Power up the acceptor with DIPSW1, 2, 3, 4, 7 = ON. Other Switches = OFF.
4. Power up.
5. Set DIPSW1 = OFF, then LED illumination pattern is selected.
6. If setting is completed, Power OFF.
7. Restore the original DIPSW setting.
8. Power up.
9. Acceptor returns to standby mode and the setup is completed.

ID-0D3 Setup Command

SETUP Command (31H) Response DATA (Z1-Z27)

Data No.	HEX Code	Note	
Z1	01h	Feature Level	Level 1
Z2	19h	Currency Code	ISO 4217 currency code
Z3	78h		EUR is 978
Z4	01h	Bill Scaling Factor	500 for the EUR
Z5	F4h		
Z6	02h	Decimal Places	2 for the EUR
Z7	00h	Stacker Capacity	Non
Z8	00h		
Z9	FFh	Bill Security Levels	High security level
Z10	FFh		
Z11	FFh	Escrow / No Escrow	Validator has escrow capacity
Z12	01h	Bill type Credit	Bill type 0 (5 Euro)
Z13	02h		Bill type 1 (10 Euro)
Z14	04h		Bill type 2 (20 Euro)
Z15	0Ah		Bill type 3 (50 Euro)
Z16	14h		Bill type 4 (100 Euro)
Z17	28h		Bill type 5 (200 Euro)
Z18	64h		Bill type 6 (500 Euro)
Z19	00h		Bill type 7 (Not used)
Z20	00h		Bill type 8 (Not used)
Z21	00h		Bill type 9 (Not used)
Z22	00h		Bill type 10 (Not used)
Z23	00h		Bill type 11 (Not used)
Z24	00h		Bill type 12 (Not used)
Z25	00h		Bill type 13 (Not used)
Z26	00h		Bill type 14 (Not used)
Z27	00h		Bill type 15 (Not used)