

Software Information Sheet



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General Information

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Model Name:	DBV-300/301/302-SU/SD				SRS. No. :		C18-0009-01		G18-008	
SW. Name:	DBV-300R(RUS)-SU ID-0D3/002				Date: (mm,dd,yyyy)		02.06.2018		Rev:	A2
SW. Version:	V1.24-61				Note:		-			
Country (Code):	Russia (RUS)				Guide:		Type3 (71mm) for SU Type1 (67mm) for RC-10			
Currency:	Ruble				Check Sum:		2CE0			
Direction:	4 Way				CRC (seed= 0000):		7FC8			
Denomination: Years & MRI Ident MRI Bankers' Guide to Foreign Currency 89 th Edition RUB10.1A and RUB10.2 refer to MRI 81 st Edition	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#		
	10	'97	'04	RUB10.1A	1000	'97	'01	RUB1000.1A		
	10	'97	'04	RUB10.2	1000	'97	'04	RUB1000.2		
	50	'97	'98	RUB50.1A	1000	'97	'10	RUB1000.3		
	50	'97	'04	RUB50.2	2000	'17	-	RUB2000.1		
	100	'97	'98	RUB100.1A	5000	'97	'06	RUB5000.1		
	100	'97	'04	RUB100.2	5000	'97	'11	RUB5000.2		
	200	'17	-	RUB200.1	-	-	-	-		
	500	'97	'98	RUB500.1A	-	-	-	-		
	500	'97	'04	RUB500.2	-	-	-	-		
	500	'97	'11	RUB500.3	-	-	-	-		
Recycle Denomi	10	'97	'04	RUB10.2	50	'97	'04	RUB50.2		
Acceptance Rate:	No less than 90%									
Barcode Ticket:	Barcode tickets are not accepted.									
EPROM:	NC									
Modifications:	V1.23-61→ V1.24-61									
Validation:	-									
Operation:	1. Correct the Enable/Disable data of bill type.									
Interface:	-									
Modifications:	V1.22-60 → V1.23-61									
Validation:	1. Add new RUB200.1 and RUB2000.1.									
Operation:	-									
Interface:	-									
Memo:	1. After updating the software, the PDA-Setting must be reconfigured. 2. Please use Guide "Type 1"(67mm) for RC-10 connection. (1000 Ruble is INHIBIT) 3. Use dipSW2-#6 ON to RUB5000 ACCEPT and RUB10 INHIBIT. 4. Use dipSW1-#7 ON to High Security mode for 50('98), 50('04) banknote. - In the High Security mode, acceptance rate of genuine notes is no less than 80% but the security against CFs is increased.									

Dip Switch Settings

#	Dip Switch 1		Dip Switch 2				
1	OFF	10 ACCEPT	OFF	Setting Pulse Width *1	SW1	SW2	Decimal Places
	ON	10 INHIBIT	ON		OFF	OFF	Decimal Places = 2
2	OFF	50 ACCEPT	OFF		ON	OFF	Decimal Places = 0
	ON	50 INHIBIT	ON		OFF	ON	Decimal Places = 1
					ON	ON	Not used
3	OFF	100/200 ACCEPT	OFF	Setting Number of Pulse *2	Setting OFF		
	ON	100/200 INHIBIT	ON		Setting OFF		
4	OFF	500 ACCEPT	OFF		Setting OFF		
	ON	500 INHIBIT	ON		Setting OFF		
5	OFF	1000 ACCEPT	OFF	Setting OFF	Normal Operation		
	ON	1000 INHIBIT	ON	Setting OFF	Sunlight Protection		
6	OFF	2000/5000 ACCEPT	OFF	5000 INHIBIT /10 ACCEPT *4			
	ON	2000/5000 INHIBIT	ON	5000 ACCEPT/10 INHIBIT *4			
7	OFF	Normal Security mode for 50('98), 50('04) banknote	OFF	Setting OFF	PDA Setting Disable		
	ON	High Security mode for 50('98), 50('04) banknote	ON	Setting OFF	PDA Setting Enable		
8	OFF	Setting OFF	OFF	ON:PULSE I/F MODE	OFF:SERIAL I/F MODE		
	ON	Setting OFF	ON	(ID-002)	(ID-0D3)		

*3: When the DIP Switch #2-3 is set so that the LEDs flash in the Enable status, they will be turned off in the Disable status regardless of the setting of the DIP-Switch #2-4.

*1 : Setting Pulse Width

SW1	SW2	Pulse Width
OFF	OFF	50ms/300ms
ON	OFF	50ms/50ms
OFF	ON	80ms/120ms
ON	ON	150ms/180ms

*2 : Setting Number of Pulse

SW3	SW4	Number of Pulse
OFF	OFF	10 Ruble = 1 pulse
ON	OFF	10 Ruble = 2 pulse
OFF	ON	Not used
ON	ON	Not used

ID-0D3 Setup Command

SETUP Command (31H)

Response DATA (Z1-Z27)

Data No.	HEX Code	Note	
Z1	01h	Feature Level	Level 1
Z2	18h	Currency Code	ISO 4217 currency code
Z3	10h		RUB is 810

* Decimal Places = 2 (SW2-1, 2 = OFF, OFF)

	*4: DipSW2-6			*4: DipSW2-6	
	OFF	ON		OFF	ON
Z4	03h	13h	Bill Scaling Factor	10.00 for the RUB	50.00 for the RUB
Z5	E8h	88h			
Z6	02h		Decimal Places	2 for the RUB	

* Decimal Places = 0 (SW2-1, 2 = ON, OFF)

	*4: DipSW2-6			*4: DipSW2-6	
	OFF	ON		OFF	ON
Z4	00h	00h	Bill Scaling Factor	10 for the RUB	50 for the RUB
Z5	0Ah	32h			
Z6	00h		Decimal Places	0 for the RUB	

* Decimal Places = 1 (SW2-1, 2 = OFF, ON)

	*4: DipSW2-6			*4: DipSW2-6	
	OFF	ON		OFF	ON
Z4	00h	01h	Bill Scaling Factor	10.0 for the RUB	50.0 for the RUB
Z5	64h	F4h			
Z6	01h		Decimal Places	1 for the RUB	

	*4: DipSW2-6			Mode 10...2000 Ruble (SW2-6 = OFF)	Mode 50...5000 Ruble (SW2-6 = ON)
	OFF	ON			
Z7	00h		Stacker Capacity	200 bill capacity	
Z8	C8h				
Z9	FFh		Bill Security Levels	High security level	
Z10	FFh				
Z11	FFh		Escrow / No Escrow	Validator has escrow capacity	
Z12	01h	00h	Bill type Credit	Bill type 0 (10 Ruble)	Bill type 0 (Not used)
Z13	05h	01h		Bill type 1 (50 Ruble)	Bill type 1 (50 Ruble)
Z14	0Ah	02h		Bill type 2 (100 Ruble)	Bill type 2 (100 Ruble)
Z15	32h	0Ah		Bill type 3 (500 Ruble)	Bill type 3 (500 Ruble)
Z16	64h	14h		Bill type 4 (1000 Ruble)	Bill type 4 (1000 Ruble)
Z17	00h	64h		Bill type 5 (Not used)	Bill type 5 (5000 Ruble)
Z18	14h	04h		Bill type 6 (200 Ruble)	Bill type 6 (200 Ruble)
Z19	C8h	28h		Bill type 7 (2000 Ruble)	Bill type 7 (2000 Ruble)
Z20	00h	00h			Bill type 8 (Not used)
Z21	00h	00h			Bill type 9 (Not used)
Z22	00h	00h			Bill type 10 (Not used)
Z23	00h	00h			Bill type 11 (Not used)
Z24	00h	00h			Bill type 12 (Not used)
Z25	00h	00h			Bill type 13 (Not used)
Z26	00h	00h			Bill type 14 (Not used)
Z27	00h	00h			Bill type 15 (Not used)

ID-0D3 Setup Command (Recycler)

Bill Dispenser SETUP Command (59H)

Response DATA (Z1-Z11)

Data No.	HEX Code	Note	
Z1	01h	Feature Level	Level 1
Z2	18h	Currency Code	ISO 4217 currency code
Z3	10h		RUB is 810

*** Decimal Places = 2 (SW2-1, 2 = OFF, OFF)**

Z4	64h	Scaling Factor	1.00 for the RUB
Z5	02h	Decimal Places	2 for the RUB

*** Decimal Places = 0 (SW2-1, 2 = ON, OFF)**

Z4	01h	Scaling Factor	1 for the RUB
Z5	00h	Decimal Places	0 for the RUB

*** Decimal Places = 1 (SW2-1, 2 = OFF, ON)**

Z4	0Ah	Scaling Factor	1.0 for the RUB
Z5	01h	Decimal Places	1 for the RUB

Z6	01h	Application Maximum Response Time	1 Seconds
Z7	00h	Bill Disable	
Z8	00h		
Z9	00h	Bill is Self-Filling	
Z10	01h		
Z11	0Ah	Bill type Credit	Bill type 1 (10 Ruble: RC-SW1 = OFF)**
	32h		(50 Ruble: RC-SW1 = ON)

** DipSW2-6 ON inhibited 10 Ruble.