

Software Information Sheet



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General Information

Model Name:	TBV-100-FSH/GSH				SW.Req. No.		G11-235	
SW. Name:	TBV-100-FSH M06-003-V1.03-15				Date: (mm,dd,yyyy)		09,06,2011	Rev: A1
SW. Version:	V1.03-15				Note:			
Country (Code):	Russia, United States of America, Euro, Belarus (M06)				Guide:		Non	
Currency:	Rubles, Dollar, Euro, Rubilei				Check Sum:		E3F5	
Direction:	4Way				CRC (seed= 0000):		A207	
					(In the “USBDown LoadTestProject2.exe”, “89FD ” will be displayed.)			
Denomination: MRI Bankers’ Guide to Foreign Currency 75 th Edition	RUS							
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	10	97	98	RUB10.1	500	97	98	RUB500.1
	10	97	04	RUB10.2	500	97	04	RUB500.2
	50	97	98	RUB50.1	1000	97	01	RUB1000.1
	50	97	04	RUB50.2	1000	97	04	RUB1000.2
	100	97	98	RUB100.1	1000	97	10	RUB1000.3
	100	97	04	RUB100.2	5000	97	06	RUB5000.1
	USA							
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	1	85~		USD1.1	20	96~01		USD20.2
	5	90~92		USD5.1A	20	04		USD20.3
	5	93~95		USD5.1B	50	90~93		USD50.1B
	5	99~01		USD5.2	50	96~01		USD50.2
	5	06		USD5.3	50	04		USD50.3
	10	85~		USD10.1A	100	88~		USD100.1A
	10	90~95		USD10.1B	100	90~93		USD100.1B
	10	99~01		USD10.2	100	96~06		USD100.2
	10	04		USD10.3	100	09		USD100.3
	20	88~		USD20.1A				
	20	90~95		USD20.1B				
	EURO							
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	5	'02	-	EUR5.1	200	'02	-	EUR200.1
	10	'02	-	EUR10.1	500	'02	-	EUR500.1
	20	'02	-	EUR20.1				
	50	'02	-	EUR50.1				
	100	'02	-	EUR100.1				
	BLR							
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	1000	'00	'00	BYB1000.1	50000	'00	'01	BYB50000.1
	5000	'00	'00	BYB5000.1	50000	'00		NOT LISTED
	10000	'00	'01	BYB10000.1	100000	'00	'05	BYB100000.1
	20000	'00	'01	BYB20000.1				

AcceptanceRate:	No less than 98%
ACCLoad Program	ACCLOAD3(Must use version V3.09 or later)
ICB	N/A.
Bar Ticket:	Accepts JCM specified barcode tickets.
EPROM:	Flash ROM only(64Mbit)
Modifications:	V1.02-09→ V1.03-15
Validation:	1. Corrected the cross-validation between Belarusian 100 and 1000 Rublei notes.
Operation:	<ol style="list-style-type: none"> 1. Modified so that the Transport Motor is stopped when detecting the abnormality in the communication of the BNF. 2. Changed the operation for clearing a jam inside the BNF. 3. In the previous software, the Centering Motor Test could not be performed with the PC application, Performance Tool. This problem has been corrected in this version.
Interface:	1. Supports the ID-003 Communication Log Collection Command.
Memo:	<ol style="list-style-type: none"> 1. The unit that has been calibrated with the V0.xx-15 or older must be re-calibrated after this software is downloaded. 2. <u>This software supports the Country Type Setting Command.</u> 3. The default currency is Russian Rubles.

Dip Switch 1 or 3 Settings

#	Dip Switch	
1	OFF	Setting OFF
	ON	Setting OFF
2	OFF	Setting OFF
	ON	Setting OFF
3	OFF	Setting OFF
	ON	Setting OFF
4	OFF	Setting OFF
	ON	Setting OFF
5	OFF	Setting OFF
	ON	Setting OFF
6	OFF	Setting OFF
	ON	Setting OFF
7	OFF	Setting OFF
	ON	Setting OFF
8	OFF	Setting OFF
	ON	Setting OFF

Dip Switch 2 Settings

#	Dip Switch	
1	OFF	Setting OFF
	ON	Setting OFF
2	OFF	Setting OFF
	ON	Setting OFF
3	OFF	Setting ON
	ON	Setting ON
4	OFF	Setting OFF
	ON	Setting OFF

Dip Switch 4 Settings

#	Dip Switch				
1	OFF	Setting OFF			
	ON	Setting OFF			
2	OFF	Setting OFF			
	ON	Setting OFF			
3	OFF	Interface Select	3	4	Interface
	ON		OFF	OFF	RS232C
4	OFF		ON	OFF	Photo Coupler
	ON		OFF	ON	Reserve

Dip Switch 5 Settings

#	Dip Switch	
1	OFF	Setting OFF
	ON	Setting OFF
2	OFF	Setting OFF
	ON	Setting OFF

Dip Switch 6 Settings

#	Dip Switch	
1	OFF	RS232C Select
	ON	Photo Coupler Select

TEST MODE (Dip Switch 1 or 3 Settings)

#	Dip Switch							
6	ON	EUR	OFF	USA	ON	BLR	OFF	RUS
7	OFF		ON		ON		OFF	

ID-003 Data Setting specification

VERSION DATA

SW. Version	T(M06)-100-FSH ID003-05v103-15 05SEP11 A207
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ESCROW DATA

Code	Denomination			
	RUS	USA	EUR	BLR
61h	Reserved	1	Reserved	Reserved
62h	Reserved	Reserved	5	Reserved
63h	10	5	10	1000
64h	50	10	20	Reserved
65h	100	20	50	5000
66h	500	50	100	10000
67h	1000	100	200	20000
68h	5000	Reserved	500	50000
69h				100000

CURRENCY ASSIGN DATA

Code	RUS			USA		
	Country	Denomination	Exp.	Country	Denomination	Exp.
61h	00h	00h	00h	01h	01h	00h
62h	00h	00h	00h	00h	00h	00h
63h	27h	01h	01h	01h	05h	00h
64h	27h	05h	01h	01h	0Ah	00h
65h	27h	0Ah	01h	01h	14h	00h
66h	27h	32h	01h	01h	32h	00h
67h	27h	64h	01h	01h	64h	00h
68h	27h	32h	02h	00h	00h	00h
Code	EURO			BLR		
	Country	Denomination	Exp.	Country	Denomination	Exp.
61h	00h	00h	00h	00h	00h	00h
62h	E0h	05h	00h	00h	00h	00h
63h	E0h	0Ah	00h	68h	01h	03h
64h	E0h	14h	00h	00h	00h	00h
65h	E0h	32h	00h	68h	05h	03h
66h	E0h	0Ah	01h	68h	0Ah	03h
67h	E0h	14h	01h	68h	14h	03h
68h	E0h	32h	01h	68h	32h	03h
69h				68h	64h	03h

ENABLE/DISABLE DATA

DATA bit	RUS		USA	
	Data 1	Data 2	Data 1	Data 2
0	Reserved	Reserved	1	Reserved
1	Reserved	Reserved	Reserved	Reserved
2	10	Reserved	5	Reserved
3	50	Reserved	10	Reserved
4	100	Reserved	20	Reserved
5	500	Reserved	50	Reserved
6	1000	Reserved	100	Reserved
7	5000	Reserved	Reserved	Reserved
DATA bit	EUR		BLR	
	Data 1	Data 2	Data 1	Data 2
0	Reserved	Reserved	Reserved	100000
1	5	Reserved	Reserved	Reserved
2	10	Reserved	1000	Reserved
3	20	Reserved	Reserved	Reserved
4	50	Reserved	5000	Reserved
5	100	Reserved	10000	Reserved
6	200	Reserved	20000	Reserved
7	500	Reserved	50000	Reserved

RUS 0: Enable 1: Disable (Default: **03FFh**)
 USA 0: Enable 1: Disable (Default: **82FFh**)
 EUR 0: Enable 1: Disable (Default: **01FFh**)
 BLR 0: Enable 1: Disable (Default: **0BFEh**)

SECURITY DATA

DATA bit	RUS		USA	
	Data 1	Data 2	Data 1	Data 2
0	Reserved	Reserved	Reserved	Reserved
1	Reserved	Reserved	Reserved	Reserved
2	Reserved	Reserved	Reserved	Reserved
3	Reserved	Reserved	Reserved	Reserved
4	Reserved	Reserved	Reserved	Reserved
5	Reserved	Reserved	Reserved	Reserved
6	Reserved	Reserved	Reserved	Reserved
7	Reserved	Reserved	Reserved	Reserved
DATA bit	EUR		BLR	
	Data 1	Data 2	Data 1	Data 2
0	Reserved	Reserved	Reserved	Reserved
1	Reserved	Reserved	Reserved	Reserved
2	Reserved	Reserved	Reserved	Reserved
3	Reserved	Reserved	Reserved	Reserved
4	Reserved	Reserved	Reserved	Reserved
5	Reserved	Reserved	Reserved	Reserved
6	Reserved	Reserved	Reserved	Reserved
7	Reserved	Reserved	Reserved	Reserved

RUS 0: Normal 1: Security Level high (Default: **0000h**)
 USA 0: Normal 1: Security Level high (Default: **0000h**)
 EUR 0: Normal 1: Security Level high (Default: **0000h**)
 BLR 0: Normal 1: Security Level high (Default: **0000h**)

DIRECTION DATA

DATA bit	Direction	Sample: USA
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 use	Not use
1	Power Recovery [02]	Not use
2	Not use	Not use
3	Not use	Not use
4	Not use	Not use
5	Nearly Full [20]	Not use
6	Not use	Not use
7	Not use	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)

BOOK MARK COMMAND

Code	Function
4Ah	Sending the Bookmark Command will enable the acceptor to accept a bookmark.

[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.

[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 as a response to the Status Request only after the "STACKED" status. The "IDLING" status will be sent to the next Status Request.