



Software Information Sheet

JCM American Corporation

JCM Germany GmbH

JCM Gold (H.K.) Ltd.

JCM United Kingdom Ltd.

Japan Cash Machine Co., Ltd. (Headquarters – Japan)

TEL +1-702-651-0000

TEL +49-211-530645-0

TEL +852-2429-7187

TEL +44-870-770-2863

TEL +81-6-6703-8405

General Information

Model Name:	DBV-200-SS			SW. Req. No.	C18-066-01	A4235-03
SW. Name:	DBV-200(USA)-SS ID-022/023			Date: (mm,dd,yyyy)	08.03.2006	Rev: C1
SW. Version:	V2.61-04-03			Note:	IGT only	
Country (Code):	United States of America (USA)			Guide:	None	
Currency:	Dollar			Check Sum:	79E0	
				Kobetron ID:	6120	
Direction:	4-Way			CRC (seed= 0000):	67AE	
Denomination: Years & MRI Ident #	Denomi.	Printed	Issued	MRI#		
	1	'95, '99, '01, '03	-	#443		
	5	'93, '95, '99, '01, '03	-	#444, #491, #499		
	10	'93, '95, '99, '01, '03, '04	-	#445, #486, #500, #514		
	20	'93, '95, '96 '01, '04	-	#446, #487, #501, #515		
	50	'93, '96, '99, '01, '04	-	#447, #488, #502, #516		
	100	'93, '96, '99, '01, '03	-	#448, #495, #503		
Barcode Ticket:	Accepts JCM specified barcode tickets.					
EPROM:	4 Mbit, 90 nano-second data access, or faster. ST Part M27C4001-90 or equivalent					
Modifications:	<p>(Version 2.60-04-03 → 2.61-04-03)</p> <ul style="list-style-type: none"><u>Banknote Recognition:</u> Added more 2004 series NexGEN \$10 data. (Improved recognition). <p>(Version 2.51-04-03 → 2.60-04-03)</p> <ul style="list-style-type: none"><u>Banknote Recognition:</u> Added Next Generation \$10 banknotes.<u>Banknote Recognition:</u> Improved acceptance rates for; \$20('04) and \$50('04) banknotes. <p>(Version 2.40-04-03 → 2.51-04-03)</p> <ul style="list-style-type: none"><u>Banknote Recognition:</u> Added Next Generation \$50 banknote recognition (2004 series).<u>Banknote Recognition:</u> Added more 2004 series \$20 banknote data. (Improved recognition). <p>(Modifications Since Previous Version 2.33-04-02)</p> <ul style="list-style-type: none"><u>Banknote Recognition:</u> Added Next Generation \$20 recognition.<u>Banknote Recognition:</u> Added more 2001 series \$50 data. (Improved recognition). <p>(Modifications Since Previous Version 2.32-04-02)</p> <ul style="list-style-type: none"><u>Machine Operation:</u> ID-022B / ID-023B related change: The DBV is now programmed to remember if a barcode ticket was inserted and the “Stack” message was received from the Bally GMU. If power is lost after the “Stack” message is received. Upon receiving power, the DBV will stack a barcode ticket found in the bill path.<u>Banknote Recognition:</u> Improved detection of \$10 counterfeit bills. <p>(Modifications From Previous Version 2.30-04-02)</p> <ul style="list-style-type: none"><u>Interface:</u> ID-023B interface: Escrow timeout value change from 15 seconds to 30 seconds.<u>Banknote Recognition:</u> Improved recognition of 1999 series \$100 bills.					

Modifications Cont:	(Modifications From Previous Version 2.12-04-02) <ul style="list-style-type: none"> • <u>Banknote Recognition:</u> Added data to improve acceptance of all new style bills. (\$5, 10, 20, 50, 100). • <u>Barcode/Machine Operation:</u> The bar sensor will be used to read barcode tickets only now. Before, it was used for both currency and barcode tickets. • <u>Machine Operation:</u> The auto-calibration method has been modified and will appear a little bit different. It has been improved: (1) As a final step, the reference paper is drawn completely into the head and the front sensors adjusted without paper. (2) If the bill validator fails to calibrate correctly, the reference paper will be held by the validator head. (3) Reference paper is held a little longer. This will allow LED's to adjust longer and achieve better stability. • <u>Banknote Recognition:</u> Improve acceptance of new \$10 bills with cut variations. (Pattern is close to the edge of the bill). • <u>Machine Operation:</u> When new software is loaded into the bill acceptor, acceptance rate data stored in RAM will automatically be cleared upon the next power up event. • <u>Barcode Sensor:</u> In version 2.05, a feature that automatically adjusts the bar sensor level if it is too low was added. With version level 2.30, the software is also capable of returning to the original set value if necessary. • <u>Machine Operation:</u> In version 2.05, red LED's were turned off while the bill acceptor was idling. With version level 2.30, the LED's are partially turned on so that they are "warmed up" and ready for use. • <u>Barcode Sensor:</u> The bar sensor is no longer used for length measurements. • <u>Machine Operation:</u> If the bill validator detects a 'Cheat' case, it will disable itself and change to Abnormal status.
Memo:	<ul style="list-style-type: none"> • Add new feature of external INHIBIT input signal (hi/low is selected with Pin#2 of 14-pin connector) • Low: Disable (Diagnostic LED OFF) • High: Enable

Dip Switch Settings

#	Dip Switch 1			
1	OFF	1	ENABLE	
	ON	1	DISABLE	
2	OFF	5	ENABLE	
	ON	5	DISABLE	
3	OFF	10	ENABLE	
	ON	10	DISABLE	
4	OFF	20	ENABLE	
	ON	20	DISABLE	
5	OFF	50	ENABLE	
	ON	50	DISABLE	
6	OFF	100	ENABLE	
	ON	100	DISABLE	
7	OFF	OFF		
	ON	RESERVED		
8	OFF	OFF		
	ON	RESERVED		
9	OFF	With out Bally System		
	ON	With in Bally System (ID-02xB)		
10	OFF	ID-023 I/F		
	ON	ID-022 I/F		

#	Dip Switch 2	
1	OFF	OFF
	ON	RESERVED
2	OFF	OFF
	ON	RESERVED
3	OFF	OFF
	ON	RESERVED
4	OFF	OFF
	ON	RESERVED
5	OFF	OFF
	ON	RESERVED
6	OFF	OFF
	ON	TEST MODE

ID-022/023 Data Setting Specification

ID-023 I/F

CREDIT PULSE

Denomination	Pulse
\$1	1
\$5	5
\$10	10
\$20	20
\$50	23
\$100	25

ID-022 I/F

CREDIT PULSE

Denomination	Pulse
\$1	0
\$5	2
\$10	3
\$20	4
\$50	6
\$100	7

ID-023B I/F

CREDIT PULSE

Denomination	Pulse
\$1	1
\$5	5
\$10	10
\$20	20
\$50	23
\$100	25
Ticket	18Byte(ASCII)

ID-022B I/F

CREDIT PULSE

Denomination	Pulse
\$1	0
\$5	2
\$10	3
\$20	4
\$50	6
\$100	7
Ticket	18Byte(ASCII)