

Software Information Sheet



JCM American Corporation
 Japan Cash Machine 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:	EBA-21-PB				SW. Req. No.:	G08-086			
SW. Name:	EBA-21(CZE5)-PB ID-0E3				Date: (mm.dd.yyyy)	10.07.2008	Rev:	A1	
SW. Version:	V4.05-02				Note:				
Country (Code):	Czech Republic (CZE)				Guide:	None			
Currency:	Koruna				Check Sum:	0EA4			
Direction:	4 Way				CRC (seed= 0000):	2980			
Denomination: Years & MRI III/IV.2007 Ident # 64/65th Edition	Denomination	Printed	Issued	MRI#	Denomination	Printed	Issued	MRI#	
	50	'94		CZK50.1	1000	'96		CZK1000.1B	
	100	'93		CZK100.1A	1000	'08			
	100	'95'97		CZK100.1B/C	2000	'96		CZK2000.1	
	200	'93		CZK200.1A	2000	'99		CZK2000.1B	
	200	'96'98		CZK200.1B/C	2000	'07			
	500	'93		CZK200.1A	5000	'99		CZK5000.1B	
	500	'95'97		CZK500.1B/C					
Acceptance Rate:	No less than 90%								
Security level:	Low								
EPROM:	2 Mbit 90 nano-second data access or faster. ST Part M27C2001-90 or equivalent								
Modifications:	V4.04-02 -> V4.05-02								
Validation:	Acceptance for 1000('08) Korun added.								
Operation:									
Interface:									
Memo:									

Dip Switch Settings

1	OFF	Normal operation mode
	ON	Test and adjustment mode
2	OFF	Encryption mode
	ON	Non encryption mode
3	OFF	Acceptor only
	ON	With PB unit
4	OFF	50 & 100 Accept
	ON	50 & 100 Reject
5	OFF	200 Accept
	ON	200 Reject
6	OFF	500 Accept
	ON	500 Reject
7	OFF	1000 Accept
	ON	1000 Reject
8	OFF	2000 & 5000 Accept
	ON	2000 & 5000 Reject

ID-0E3 Data specification

Equipment category ID	"Bill Validator"		
Product code	"EBA-21-PB"		
Build Code	"Standard"		
Manufacturer ID	"JCM"		
Software Revision	"V4.05-02"		
Comms Revision	"1"+"4"+"0"		
Polling priority	Units		Value
	"1"		"200"
	200ms = "1" + "200"		
Country scaling factor	Scaling factor LSB	Scaling factor MSB	Decimal places
	100	0	2
Bill position	Data 1		Data 2
	"01111111B"		"00000000B"
Bill id	Bill TYPE	Bill ID	
	Bill Type 1	"CZ0050A"	
	Bill Type 2	"CZ0100A"	
	Bill Type 3	"CZ0200A"	
	Bill Type 4	"CZ0500A"	
	Bill Type 5	"CZ1000A"	
	Bill Type 6	"CZ2000A"	
	Bill Type 7	"CZ5000A"	
	Bill Type 8	"....."	
	Bill Type 9	"....."	
	Bill Type 10	"....."	
	Bill Type 11	"....."	
	Bill Type 12	"....."	
	Bill Type 13	"....."	
	Bill Type 14	"....."	
	Bill Type 15	"....."	
	Bill Type 16	"....."	

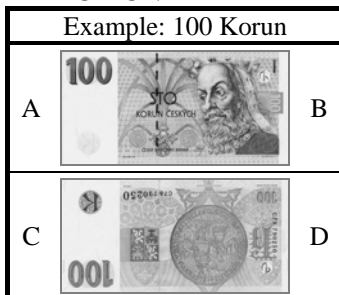
Banknote event code

Data	Denomination
1	50 Korun
2	100 Korun
3	200 Korun
4	500 Korun
5	1000 Korun
6	2000 Korun
7	5000 Korun
8	Reserved

Modify inhibit data

Bit	Data1	Data2
0	50 Korun	Reserved
1	100 Korun	Reserved
2	200 Korun	Reserved
3	500 Korun	Reserved
4	1000 Korun	Reserved
5	2000 Korun	Reserved
6	5000 Korun	Reserved
7	Reserved	Reserved

DIRECTION



Supported specification list

1. cctalk Generic Specification Issue 3.2
2. cctalk Expansion for Bill Validators Issue 2.1
3. cctalk Serial Protocol Encryption Standard Version 1.0

Supported commands list

1. Core Commands

- Header 192 - Request build code
- Header 244 - Request product code
- Header 245 - Request equipment category id
- Header 246 - Request manufacturer id
- Header 254 - Simple poll

2. Core plus Commands

- Header 001 - Reset device
- Header 004 - Request comms revision
- Header 241 - Request software revision
- Header 242 - Request serial number

3. Bill Validator Commands

- Header 136 - Store encryption code
- Header 137 - Switch encryption code
- Header 141 - Request firmware upgrade capability
- Header 145 - Request currency revision
- Header 152 - Request bill operating mode
- Header 153 - Modify bill operating mode
- Header 154 - Route bill
- Header 155 - Request bill position
- Header 156 - Request country scaling factor
- Header 157 - Request bill id
- Header 159 - Read buffered bill events
- Header 213 - Request Option flags
- Header 216 - Request data storage availability
- Header 227 - Request inhibit status
- Header 228 - Modify master inhibit status
- Header 230 - Request inhibit status
- Header 231 - Modify inhibit status
- Header 247 - Request variable set
- Header 249 - Request polling priority

4. Diagnostic Commands

- Header 232 - Perform self-check