

POS Printer Service Object Methods

Method	Notes	CBM-1000II	CT-S300	CT-S2000	CD-S500
Open		○	○	○	○
Close		○	○	○	○
ClaimDevice		○	○	○	○
ReleaseDevice		○	○	○	○
CheckHealth	Only OPOS_CH_EXTERNAL (Test print) is supported.	△ OPOS_CH_EXTERNAL	△ OPOS_CH_EXTERNAL	△ OPOS_CH_EXTERNAL	△ OPOS_CH_EXTERNAL
ClearInput	Not applicable with OPOSPrinter	x	x	x	x
ClearOutput	Data being transmitted cannot be stopped.	○	○	○	○
DirectIO		○	○	○	○
ResetStatistics	If driver support Statistics Report, Will we use GS+I(PrinterID output) command? Or can SO collect and save number of printed receipts, operating time, number of cuts?	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL
RetrieveStatistics	Same as above	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL
UpdateStatistics	Same as above	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL	x OPOS_E_ILLEGAL
PrintNormal	NULL (0x00) can be used.	○	○	○	○
PrintTwoNormal		x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware
PrintImmediate		○	○	○	○
BeginInsertion		x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware
EndInsertion		x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware
BeginRemoval		x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware
EndRemoval		x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware	x Not supported by the hardware
CutPaper		○ Partial cut (0 - 100)	○ Partial cut (0 - 99) Full cut (100)	○ Partial cut (0 - 100)	○ Partial cut (0 - 100)
RotatePrint	Do not support PrintNormal(ESC#B) in NVBimap mode	△	△	△	△
PrintBarcode	<p>* UPC-E barcode printing</p> <p>This printer compresses the entered 11- or 12-digit data to 8 digits by using zero suppression of UPC-E standard and prints it.</p> <p>An example of data compression using zero suppression is shown below.</p> <p>Ex: Assume the original code to be "0-ABCDE-VWXYZ" (11 digits). Printable patterns are as shown below.</p> <ol style="list-style-type: none"> When V to Y are all "0": "0-ABCDE-0000Z" → "ABCDEZ" where Z is limited to 5 to 9. When E and VWXY are all "0": "0-ABCD0-0000Z" → "ABCDZ4" where last 4 indicates that manufacturer codes A and D are not "0". When DE and VWX are "0": "0-ABC00-000YZ" → "ABCYZ3" where last 3 indicates that A and C are not "0" but that ABC is a 3-digit number. 	○	○	x Not supported by the hardware OPOS_E_ILLEGAL	

Method	Notes	CBM-1000II	CT-S300	CT-S2000	CD-S500
PrintBitmap	<p>4. When DE and VW are "0" and C is "0" "1" "2": (1) When C = "0": "0-AB000-00XYZ" → "ABXYZ0" (2) When C = "1": "0-AB100-00XYZ" → "ABXYZ1" (3) When C = "2": "0-AB200-00XYZ" → "ABXYZ2"</p> <p>Check digit is automatically calculated in the printer. In other conditions than the above, printing is not possible due to printer mechanism and returns error.</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TransactionPrint		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ValidateData		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SetBitmap	<p>Register the Bitmap data Available <i>BitmapNumber</i> (<i>Reference number</i>) is 1 to 20.</p> <p>The method to register Bitmap data is Writing data into download user NV memory.</p> <p>** NV Bitmap data size The size of Bitmap data to download must be less than 1536 dots in total (vertical dots x horizontal dots) Please use raster bitmap for the the bitmao data more than 1536 dots.</p> <p>** The registering data by this method should be less than 10 times a day.</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SetLogo		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ChangePrintSide	Not supported by the hardware.	<input checked="" type="radio"/> OPOS_E_ILLEGAL	<input checked="" type="radio"/> OPOS_E_ILLEGAL	<input checked="" type="radio"/> OPOS_E_ILLEGAL	<input checked="" type="radio"/> OPOS_E_ILLEGAL
MarkFeed		<input type="radio"/> Black mark paper and label paper are supported.	<input type="radio"/> Black mark paper is supported.	<input type="radio"/> Black mark paper and label paper are supported.	<input type="radio"/> Black mark paper are supported.

POS Printer Service Object Properties

Property	Notes	Attribute	CBM-1000II	CT-S300	CT-S2000	CD-S500
AutoHeads	Not applicable with OPOSPrinter					
BinaryConversion		RW	O OPOS_BC_NONE OPOS_BC_NIBBLE OPOS_BC_DECIMAL	O OPOS_BC_NONE OPOS_BC_NIBBLE OPOS_BC_DECIMAL	O OPOS_BC_NONE OPOS_BC_NIBBLE OPOS_BC_DECIMAL	O OPOS_BC_NONE OPOS_BC_NIBBLE OPOS_BC_DECIMAL
CapPowerReporting	Not supported by the hardware.	R	O OPOS_PR_ADVANCED	O OPOS_PR_ADVANCED	O OPOS_PR_ADVANCED	O OPOS_PR_ADVANCED
CapStatisticsReporting	Not supported by the hardware.	R	x FALSE	x FALSE	x FALSE	x FALSE
CapUpdatesStatistics	Not supported by the hardware.	R	x FALSE	x FALSE	x FALSE	x FALSE
Claimed		R	O	O	O	O
DataCarrt	Not applicable with OPOSPrinter	R	O	O	O	O
DataEventH4able#	Not applicable with OPOSPrinter					
DeviceEnabled		RW	O	O	O	O
FreezeEvents		RW	O	O	O	O
OpenResult		R	O	O	O	O
Output		R	O Increment (*1)	O Increment (*1)	O Increment (*1)	O Increment (*1)
PowerNotify		RW	O OPOS_PN_ENABLED	O OPOS_PN_ENABLED	O OPOS_PN_ENABLED	O OPOS_PN_ENABLED
PowerState		R	O	O	O	O
ResultCode		R	O	O	O	O
ResultCodeExtended		R	O	O	O	O
State		R	O	O	O	O
ControlObjectDescription		R	O	O	O	O
ControlObjectVersion		R	O	O	O	O
ServiceObjectDescription		R	O	O	O	O
ServiceObjectVersion		R	O 1***** CITIZEN Service Object for Thermal Printers ver.***	O 1***** CITIZEN Service Object for Thermal Printers ver.***	O 1***** CITIZEN Service Object for Thermal Printers ver.***	O 1***** CITIZEN Service Object for Dot Matrix Printers ver.***
DeviceDescription		R	O CITIZEN Thermal POSPrinter	O CITIZEN Thermal POSPrinter	O CITIZEN Thermal POSPrinter	O CITIZEN Dot Matrix POSPrinter
DeviceName		R	O CBMT000TYPEIICITIZEN POSPrinter	O CT-S300 CITIZEN POSPrinter	O CT-S2000 CITIZEN POSPrinter	O CD-S500 CITIZEN POSPrinter
CapCharacterSet		R	O	O	O	O
CapConcurrentJmRec	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapConcurrentJmSlp	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapConcurrentRecSlp	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapCoverSensor		R	O TRUE	O TRUE	O TRUE	O TRUE
CapMapCharacterSet		R	O TRUE	O TRUE	O TRUE	O TRUE
CapTransaction		R	O	O	O	O
CapJmPresent	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJm2Color	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmBold	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmDhigh	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmDwide	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmDwideDhigh	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmEmptySensor	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmItalic	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmNearEndSensor	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmUnderline	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmCartridgeSensor	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapJmColor	Not supported by the hardware	R	x FALSE	x FALSE	x FALSE	x FALSE
CapRecPresent		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRec2Color	Supporting 2 color printing (Black/Red paper)	R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecBarCode		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecBlimap		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecBold		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecDhigh		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecDwide		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecDwideDhigh		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecEmpySensor		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecItalic	Not supported by the hardware.	R	x FALSE	x FALSE	x FALSE	x FALSE
CapRecLef90		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecNearEndSensor		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecPapercut		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecPresent		R	O TRUE	O TRUE	O TRUE	O TRUE
CapRecRight90		R	O TRUE	O TRUE	O TRUE	O TRUE

Property	Notes	Attribute	CBM-1000I	CT-S300	CT-S2000	CD-S900
CapRecRotate180		R	O	O	O	O
CapRecStamp	Not supported by the hardware.	R	x	x	x	x
CapRecUnderline	Not supported by the hardware.	R	O	O	O	O
CapRecCartridgeSensor	Not supported by the hardware. Expecting red/black paper (Black color base)	R	x	x	x	x
CapRecColor		R	O	O	O	O
CapRecMarkFeed		R	O	O	O	O
CapSlipPresent	Not supported by the hardware.	R	x	x	x	x
CapSlipFullslip	Not supported by the hardware.	R	x	x	x	x
CapSlip2Color	Not supported by the hardware.	R	x	x	x	x
CapSlipBarcode	Not supported by the hardware.	R	x	x	x	x
CapSlipBimap	Not supported by the hardware.	R	x	x	x	x
CapSlipBold	Not supported by the hardware.	R	x	x	x	x
CapSlipDhigh	Not supported by the hardware.	R	x	x	x	x
CapSlipDwide	Not supported by the hardware.	R	x	x	x	x
CapSlipDwideDhigh	Not supported by the hardware.	R	x	x	x	x
CapSlipEmptySensor	Not supported by the hardware.	R	x	x	x	x
CapSlipItalic	Not supported by the hardware.	R	x	x	x	x
CapSlipLeft90	Not supported by the hardware.	R	x	x	x	x
CapSlipNearEndSensor	Not supported by the hardware.	R	x	x	x	x
CapSlipRight90	Not supported by the hardware.	R	x	x	x	x
CapSlipRotate180	Not supported by the hardware.	R	x	x	x	x
CapSlipUnderline	Not supported by the hardware.	R	x	x	x	x
CapSlipBothSidesPrint	Not supported by the hardware.	R	x	x	x	x
CapSlipCartridgeSensor	Not supported by the hardware.	R	x	x	x	x
CapSlipColor	Not supported by the hardware.	R	x	x	x	x
AsyncMode		RW	O	O	O	O
CartridgeNotify	Not supported by the hardware.	RW	x	x	x	x
CharacterSet		RW	O	O	O	O
CharacterSetList		R	O	O	O	O
CoverOpen		R	O	O	O	O
ErrorLevel		R	O	O	O	O
ErrorStatus		R	O	O	O	O
ErrorString		R	O	O	O	O
FontTypefaceList		RW	O	O	O	O
FontWhenIdle		RW	O	O	O	O
MapCharacterSet		RW	O	O	O	O
MapMode		RW	O	O	O	O
RotateSpecial	It shows the possible direction of character to rotate. RotatePrint support only 180 degrees (inverted character).	RW	O	O	O	O
JmLineChars	Not supported by the hardware.	RW	x	x	x	x
JmLineCharList	Not supported by the hardware.	R	x	x	x	x
JmLineHeight	Not supported by the hardware.	RW	x	x	x	x
JmLineSpacing	Not supported by the hardware.	RW	x	x	x	x
JmLineWidth	Not supported by the hardware.	R	x	x	x	x
JmLetterQuality	Not supported by the hardware.	RW	x	x	x	x

Property	Notes	Attribute		CBM-1000I		CT-S300		CT-S2000		CD-S900	
		R	x	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
JimEmpty	Not supported by the hardware.	R	x	FALSE	FALSE	x	x	x	x	x	x
JimNearEnd	Not supported by the hardware.	R	x	FALSE	FALSE	x	x	x	x	x	x
JimCartridgeState	Not supported by the hardware.	R	x	PTR_CART_UNKNOWN	PTR_CART_UNKNOWN	x	x	x	x	x	PTR_CART_UNKNOWN
JimCurrentCartridge	Not supported by the hardware.	RW	x	0	0	x	x	x	x	x	0
RecLineChars		RW	0			0	0	0	0	0	
RecLineCharsList		R	0	58 mm paper 30/40 columns: "30, 40" 36/48 columns: "36, 48" 80 mm paper 42/56 columns: "42, 56" 48/64 columns: "48, 64"	58 mm paper 30/40/45 columns: "30, 40, 45" 32/42/48 columns: "32, 42, 48" 80 mm paper 42/56/63 columns: "42, 56, 63" 48/64/72 columns: "48, 64, 72"	0	0	0	0	0	57.5 mm paper 25/30 columns: "25", "30" 27/33 columns: "27", "33" 30/36 columns: "30", "36" 32/40 columns: "32", "40" 33/40 columns: "33", "40" 35/42 columns: "35", "42"
RecLineHeight	The value is changed according to the RecLineChars property.	RW	0			0	0	0	0	0	
RecLineSpacing	The value is changed according to the RecLineChars property. And RecLineHeight property.	RW	0			0	0	0	0	0	
RecLineWidth	The value is changed according to the RecLineChars property.	R	0			0	0	0	0	0	
RecLetterQuality	Not supported by the hardware.	RW	x	FALSE	FALSE	x	x	x	x	x	FALSE
RecEmpty		R	0			0	0	0	0	0	
RecNearEnd		R	0			0	0	0	0	0	
RecSidewaysMaxLines	The value is changed according to the value of RecLineSpacing property or RecLineChars property. In some cases, the value may become smaller than the number of columns which actually can be used.	R	0			0	0	0	0	0	
RecSidewaysMaxChars	Initial value of RecLineChars fixed. It is calculated based on 1-byte characters. (Multi byte character is handled as 2 characters but it may not match 2 characters with some font chosen by RecLineChars property.)	R	0			0	0	0	0	0	
RecLinesToPaperCut	The value is changed according to the RecLineChars property.	R	0			0	0	0	0	0	
RecBarCodeRotationList	The value is changed according to the RecLineChars property. RecLineHeight property and RecLineSpacing.	R	0	0(Default),180	0(Default),180	0	0	0	0	0	Null
RecCartridgeState		R	x	PTR_CART_UNKNOWN	PTR_CART_UNKNOWN	x	x	x	x	x	PTR_CART_UNKNOWN
RecCurrentCartridge	Not supported by the hardware.	RW	0	PTR_COLOR_CUSTOM1	PTR_COLOR_CUSTOM1	0	0	0	0	0	PTR_COLOR_CUSTOM1
RecBitmapRotationList		RW	0	0,180	0,180	0	0	0	0	0	0,180
SipLineChars		RW	x	0	0	x	x	x	x	x	0
SipLineCharsList	Not supported by the hardware.	R	x	Null	Null	x	x	x	x	x	Null
SipLineHeight	Not supported by the hardware.	RW	x	0	0	x	x	x	x	x	0
SipLineSpacing	Not supported by the hardware.	RW	x	0	0	x	x	x	x	x	0
SipLineWidth	Not supported by the hardware.	R	x	0	0	x	x	x	x	x	0
SipLetterQuality	Not supported by the hardware.	RW	x	FALSE	FALSE	x	x	x	x	x	FALSE
SipEmpty	Not supported by the hardware.	R	x	FALSE	FALSE	x	x	x	x	x	FALSE
SipNearEnd	Not supported by the hardware.	R	x	0	0	x	x	x	x	x	0
SipSidewaysMaxLines	Not supported by the hardware.	R	x	0	0	x	x	x	x	x	0
SipSidewaysMaxChars	Not supported by the hardware.	R	x	Other than 0	Other than 0	x	x	x	x	x	Other than 0
SipMaxLines	Not supported by the hardware.	R	x	0	0	x	x	x	x	x	0
SipLinesNearEndToEnd	Not supported by the hardware.	R	x	Null	Null	x	x	x	x	x	Null
SipBarCodeRotationList	Not supported by the hardware.	R	x	PTR_PS_UNKNOWN	PTR_PS_UNKNOWN	x	x	x	x	x	PTR_PS_UNKNOWN
SipPrintSide	Not supported by the hardware.	R	x	PTR_CART_UNKNOWN	PTR_CART_UNKNOWN	x	x	x	x	x	PTR_CART_UNKNOWN
SipCartridgeState	Not supported by the hardware.	R	x	0	0	x	x	x	x	x	0
SipCurrentCartridge	Not supported by the hardware.	RW	x	0	0	x	x	x	x	x	0

POS Printer Service Object Events

Event	CBM-1000II	CT-S300	CT-S2000	CD-S500
DataEvent				
DirectIOEvent	Not applicable with OPOSPrinter.			
ErrorEvent	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
OutputCompleteEvent	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
StatusUpdateEvent	Increment (+1)	Increment (+1)	Increment (+1)	Increment (+1)
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Cash Drawer Service Object Methods

Method	Notes	CBM-1000II Drawer	CT-S300 Drawer	CT-S2000 Drawer	CD-S500 Drawer
Open	* Status cannot be acquired unless the corresponding printer SO is printable (after Claim). * If the corresponding printer SO is closed, status cannot be acquired.	○	○	○	○
Close		○	○	○	○
ClaimDevice		○	○	○	○
ReleaseDevice		○	○	○	○
CheckHealth		○	○	○	○
ClearInput	Not applicable with OPOSDrawer.	○	○	○	○
ClearOutput	Not applicable with OPOSDrawer.				
DirectIO		○	○	○	○
ResetStatistits		x	x	x	x
RetrieveStatistits		x	x	x	x
OpenDrawer	プリンタがBusyまたはオフライン時はドロフは開きません。	○	○	○	○
WaitForDrawerClose		○	○	○	○

Cash Drawer Service Object Properties

Property	Notes	Attribute	CBM-1000II Drawer	CT-S300 Drawer	CT-S2000	CD-S500
AutoDisable	Not applicable with OPOSDrawer.					
BinaryConversion	Not applicable with OPOSDrawer.	R/W				
CapPowerReporting		R	O	O	O	O
CapStatisticsReporting	Not supported by the hardware.	R	x	x	x	x
CapUpdateStatistics	Not supported by the hardware.	R	x	x	x	x
CheckHealthText	Not supported by the hardware	R	O	O	O	O
Claimed		R	O	O	O	O
DataCount	Not applicable with OPOSDrawer.					
DataEventEnabled	Not applicable with OPOSDrawer.					
DeviceEnabled		R/W	O	O	O	O
FreezeEvents		R/W	O	O	O	O
OpenResult						
OutputID	Not applicable with OPOSDrawer.					
PowerNotify		R/W	O	O	O	O
PowerState		R	O	O	O	O
ResultCode		R	O	O	O	O
ResultCodeExtended		R	O	O	O	O
State		R	x	x	x	x
ControlObjectDescription		R	O	O	O	O
ControlObjectVersion		R	O	O	O	O
ServiceObjectDescription		R	O	O	O	O
ServiceObjectVersion		R	O	O	O	O
DeviceDescription		R	O	O	O	O
DeviceName		R	O	O	O	O
CapStatus		R	O	O	O	O
CapStatusMultiDrawerDetect		R	O	O	O	O
DrawerOpened		R	O	O	O	O

Cash Drawer Service Object Events

Event	Notes	CBM-1000II Drawer	CT-S300 Drawer	CT-S2000	CD-S500
DataEvent	Not applicable with OPOSDrawer.				
DirectIOEvent		x	x	x	x
ErrorEvent	Not applicable with OPOSDrawer.				
OutputCompleteEvent	Not applicable with OPOSDrawer.				
StatusUpdateEvent	* If the corresponding printer SO is closed, status cannot be acquired.	o	o	o	o

Printing Columns

CD-S500

Paper Size	Space Between Characters(dot)	Paper width(dot)	FontA(9*9dot)	FontB(7*9dot)
57.5mm	3	300	25	30
69.5mm	2	298	27	33
76.2 mm	3	360	30	36
	2	360	32	40
	3	400	33	40
	2	386	35	42

Paper Mode	Columns	RecLineCharsList
57.5mm	25	25, 30
69.5mm	27	27, 33
76.2 mm	30	30, 36
	32	32, 40
	33	33, 40
	35	35, 42

CT-S2000

Paper Size	Paper width(mm)	Paper width(dot)	FontA(12*24dot)	FontB(9*24dot)	FontC(8*16dot)
58mm	45	360	30	40	45
60mm	45.5	364	30	40	45
80mm	52.5	420	35	46	52
	54	432	36	48	54
	54.5	436	36	48	54
	64	512	42	56	64
	72	576	48	64	72
	80	640	53	71	80

Paper Mode	Columns	RecLineCharsList
58mm	30	30, 40, 45
60mm	36	36, 48, 54
80mm	36	36, 48, 54
	42	42, 56, 64
	48	48, 64, 72
	53	53, 71, 80

CBM-1000II

Paper Size	Paper width(mm)	Paper width(dot)	FontA(12*24dot)	FontB(9*24dot)
58mm	45	360	30	40
80mm	54	432	36	48
	64	512	42	56
	72	576	48	64

Paper Mode	Columns	RecLineCharsList
58mm	30	30, 40
80mm	36	36, 48
	42	42, 56
	48	48, 64

CT-S300

Paper Size	Paper width(mm)	Paper width(dot)	FontA(12*24dot)	FontB(9*24dot)	FontC(8*16dot)
58mm	45	360	30	40	45
80mm	48	384	32	42	48
	64	512	42	56	63
	72	576	48	64	72

Paper Mode	Columns	RecLineCharsList
58mm	30	30, 40, 45
80mm	32	32, 42, 48
	42	42, 56, 63
	48	48, 64, 72

Soft / Memory switch setting

SW No.	CT-S300-RF/PF/USB		CT-S2000-RF/PF/USB		CD-S500-RSF/PA/USB		
1-1	Power ON Info	OFF	Power ON Info	OFF	Soft Control-SW		
1-2	Buffer Size	OFF	Buffer Size	OFF	1	Command Type	EPSON
1-3	Busy Condition	ON	Busy Condition	ON	2	Number of Col.	-
1-4	Receive Error	OFF	Receive Error	OFF	3	Font Select	-
1-5	CR mode	OFF	CR mode	OFF	4	Paper Plies	-
1-6	Reserved	OFF	Reserved	OFF	5	Paper End	ENB
1-7	DSR Signal	OFF	DSR Signal	OFF	6	Paper Near-End	DIS
1-8	Init Signal	OFF	Init Signal	OFF	7	Slashed Zero	-
					8	Print Direct	BI-DIR
2-1	Reserved	ON	Reserved	ON	9	Auto LF	OFF
2-2	Auto Cutter	ON	Auto Cutter	ON	10	Code Page	-
2-3	Spool Print	OFF	Spool Print	OFF	11	Buffer Size	4Kbyte
2-4	Full Col Printing	OFF	Full Col Printing	OFF	12	Init Signal	ENB
2-5	Resume aft PE	OFF	Resume aft PE	OFF	13	Buzzer	-
2-6	Paper width	—	Reserved	OFF	Machanical-SW		
2-7	Reserved	OFF	Reserved	OFF	1	Paper Width	-
2-8	NPE Sensor	OFF	NPE Sensor	OFF	2	Auto-Cutter	FREE
					3	Color Ribbon	ON
3-1	Resume Ctrr Err	OFF	Resume Ctrr Err	OFF	4	Take-Up Device	-
3-2	Resume Open Err	OFF	Reserved	OFF	5	Black Mark	-
3-3	Parallel 31PIN	OFF	Parallel 31PIN	OFF			
3-4	Paper Select	OFF	Reserved	OFF			
3-5	Column Number	—	Reserved	OFF			
3-6	No use	OFF	No use	OFF			
3-7	CBM1000 mode	OFF	CBM1000 mode	ON			
3-8	Open w/Printing	OFF	Resum Open Err	OFF			
4-1	Auto Length	OFF	BM Measure	-			
4-2	BM Sensor	-	Reserved	OFF			
4-3	No use	OFF	Feed & Cut at TOF	ON			
4-4	No use	OFF	Reserved	OFF			
4-5	No use	OFF	Reserved	OFF			
4-6	No use	OFF	Reserved	OFF			
4-7	No use	OFF	Reserved	OFF			
4-8	Full Cut Cmd	OFF	Partial Only	-			
5-1			Buzzer	OFF			
5-2			Line Pitch	OFF			
5-3			USB Mode	ON			
5-4			Reserved	OFF			
5-5			No use	OFF			
5-6			No use	OFF			
5-7			No use	OFF			
5-8			No use	OFF			
7-1			Band Rate	-			
7-2			Data Length	-			
7-3			Stop Bit	1bit			
7-4			Parity	-			
7-5			Flow Control	-			
8-1			Print Width	- (*1)			
8-2			Paper Type	-			
9-1			Code Page	PC437			
9-2			International Character	USA			
9-3			Kanji	OFF			
9-4			JIS	JIS			
10-1			Print Density	100%			
10-2			Print Speed	Lebel 9			
10-3			ACK Output Timing	Before BUSY			

*1) Plesae refer to Printing Columns of CT-S2000