Instruction for setting auto logo function BSC10

Please download these programs

Software Check :

https://drive.google.com/file/d/1xtLANmRkUQpucxSfJhBKel_xdBzUrtLy/view?usp=sharing

Memory Switch :

https://drive.google.com/file/d/1WHQcRQv0iJqmsYQ7MY4Hqt_LHp8jHlsB/view?usp=sharing

[1]Turn on and connect BSC10 to PC

[2]Open Software Check

퉬 Portable
🚳 Jcp32.dll
🚳 smj_discovery.dll
SMJUSBDIRECT.dll
SMJWINSOCK.dll
🚰 Soft Check.exe
E SoftCheck.zip

[2.1] Select "Next"

🖶 Small Printer 🕯	Soft Check	×
Print Area		1
576	Next>	
Dot		J
Example	Exit	1
O 240 O 416 O	360	1
O 280 O 576 O	512	
O 320 O 640 O	567	
C 400 C 832 C	737	
C 420		
C 480 C 540		

[2.2]Select the proper printer information.

Interface	OK
COM1 🔹	Exit
┌─ Serial Interface	- Option
Protocol	🔲 🔲 Data Save
CTS Check 🗨	Low Speed
Baud Data Bit	2Byte 💌
9600 bps 💌 8 Bit 💌	- Port Open/Clos
Paritu Bit Stop Bit	
	Interface COM1 Serial Interface Protocol CTS Check Baud Data Bit 9600 bps Bait CTS Check

- [2.2.1]For instance , for factory setting BSC10 Serial
- [2.2.2]Select "Thermal Printer" at the Model
- [2.2.3]Select "ESC/POS mode" at Emulation

[2.2.4]Select COM port that you are connecting with the printer(for this case is COM1)

-If you are unsure which COM port the printer port is , Open "Device manager" (type "Device Manager" in the windows start search box)

🝰 Device Manager File Action View Help 🗢 🏟 | 📰 | 🛅 | 🚺 🗊 | 💐 🞼 🕵 🕼 ⊿ 🚽 SMSA11 🛛 📲 Computer Disk drives DVD/CD-ROM drives Human Interface Devices De ATA/ATAPI controllers - Keyboards >-🕅 Mice and other pointing devices Monitors 🖌 💇 Network adapters CREWORK adapters
 Orlink DWA-123 Wireless N 150 USB Adapter(rev.D)
 Microsoft Virtual WiFi Miniport Adapter
 Realtek PCIe GBE Family Controller
 Teredo Tunneling Pseudo-Interface VMware Virtual Ethernet Adapter for VMnet1 Dortable Devices Ports (COM & LPT) Communications Port (COM1) Processors Sound, video and game controllers G Star Micronics Port Device Storage controllers 🔊 System devices

-Click "Ports(COM & LPT)", there is the communications Ports for Printer(COM1)

[2.2.5] Serial Interface section

Protocol	: "CTS Check"
Baud	: "9600" bps"

Data Bit	: "8 bit"
Parity Bit	: "None Parity"
Stop Bit	: "1 bit"

[2.2.6]Select "OK"

[2.3]Select "Convenience"

Thermal Printe	r ESC/POS mo	ode 🛛 🗙
ESC/	POS Font Therma	Select 🔲 Two Color mode
ASCII	Character >>	Initialize Printer
Rolling ASCII >>	Decoration Character >>	Other >>
ASCII + Cut >>	Paper Feed >>	General Pulse >>
Convenience >>	Print Position >>	Status >>
Convenience II >>	Bit-Image >>	Bar Code >>
Print Area	Download >>	Double Byte Mode >>
Destination	Macro >>	Page Mode >>
O Japanese	Cut Paper >>	Binary Data >>
○ Chinese ○ Korean ⊙ Othe	E)	kit

[2.4]Copy and Paste this data : \x1b\x1d\x2f\x43\x1b\x1d\x2f\x31\x01\x1b\x61\x01 , then select "Data out"

Co	nVenie	enCe						X
	Data 0	ut	Data Clear	Data	a Out & Clea	ar C)elete	🗖 + 80h
1	150130026		140-260-210	01\015\06	15501			
		(X43 (X1D (X	101821183118	01/210/20	1001			Þ
	00	10	20	30	40	50	60	70
0	NUL	DLE	SPACE	0	@	Р	· · ·	Р
1	SOH	DC1		1	A	Q	a	q
2	STX	DC2	"	2	В	R	ь	T
3	ETX	DC3	#	3	C	S	с	s
4	EOT	DC4	\$	4	D	T	d	t
5		NAK	%	5	E	U	е	u
6	ACK	SYN	&	6	F	V	f	V
7	BEL	ETB		7	G	W	g	w
8	BS	CAN	(8	н	×	h	×
9	HT	EM		9	1	Y	i	у
A	LF	SUB	×	:	J	Z	i	z
в	VT	ESC	+	;	K]	k	{
С	FF	FS		<	L	N.	I	
D	CR	GS	•	=	м	1	m	}
Е	SO	RS		>	N	^	n	~
F	SI	US	1	?	0	_	0	DEL
	Mode	2	Data 1 💌	Save	Load		Ex	it

[2.4.1] For more information

1b	1d	2f	43		: Initialize auto logo setting
ESC	GS	/	С		: Initialize auto logo setting(Button Selecting)
1b	1d	2f	31	01	: Auto logo function On/Off
ESC	GS	/	1	SOH	: Auto logo function On/Off(Button Selecting)
1b	61	01			: Position Alignment(Center)
ESC	а	SOH			: Position Alignment(Center) (Button Selecting)

*Noted this : Button Selecting – The selecting order have to be respectively.

[3]Open Memory Switch



[3.1]Click on the highlighted button

MemorySwitch)		×
Function Bit Set & Clear	O Memory Switcl	h Clear 🔿 All Clear	O Factry Set
	•		Check Clear
Bit F On Off	Bit B O On O Off	Bit 7 O On O Off	Bit 3 O On O Off
Bit E O On O Off	Bit A O On O Off	Bit 6 O On O Off	Bit 2 O On O Off
Bit D O On O Off	Bit 9 O On O Off	Bit 5 O On O Off	Bit 1 O On O Off
Bit C O On O Off	Bit 8 O On O Off	Bit 4 O On O Off	Bit 0 O On O Off
	PT1	Writ	e !
	E	Exit	

[3.2]Select the proper printer information, then click "OK"

[3.2.1]For factory setting BSC10 Serial

[3.2.1]Selecting - Interface : COM1 Baud Rate : 9600

	Data Bit	:	8 bit	
	Parity Bit	:	None Parity	
	Stop Bit	:	1 bit	
Select Interface				
Interface	Serial Interfac Baud Rate 9600 bps Parity Bit None Parity	•	Data Bit Stop Bit 1 bit	OK Cancel

[3.3]Select "Bit set & Clear" , Memory Switch 4. At bit 0 , bit 1, bit 4 , select "On" >> click "Write!"

🚾 Μemory⊊witch			×
Function Bit Set & Clear	O Memory Switcl	h Clear 🔿 All Clear	O Factry Set
Memory Switch 4	•		Check Clear
Bit F O On O Off	Bit B O On O Off	Bit 7 O On O Off	Bit 3 O On O Off
Bit E O On O Off	Bit A O On O Off	Bit 6 O On O Off	Bit 2 O On O Off
Bit D O On O Off	Bit 9 O On O Off	Bit 5 O On O Off	Bit 1 On Off
Bit C O On O Off	Bit 8 O On O Off	Bit 4	Bit 0
CC	DM1	Write	e !
	E	Exit	

[3.4] Select "ESC GS # <Normal>"



[3.5] Select "Write & Reset & Test Print"

Write & Reset	>
Write & Reset	
Write & Reset & Test Print	
Write & Reset ≤ X >	
Write & Reset & Test Print <y></y>	
Cancel	

[3.6]The printed receipt memory switch 4-0, 4-1, 4-4 should be 1

		and the second
	*** BSC10 Ver1.8 -b1.3 ***	
W. C.	Interface: USB or RS-232C	
	Memory Switch FEDCBH9876543210 HEX. <d> 000000000000000 0800 <1> 000000000000000 0000 <2> 00000000000000 0000 <3> 00000000000000 0000 <4> 000000000000000 0000 <4> 0000000000000000 0000</d>	
	<7> 00000000000000 0000	
	Memory Switch Detail «D>4 = Character Mode: Standard <1>9 = Top Margin: Default <1>7 = Large Font: Vaild <2C = 180 Rotation: Invalid <2A = Print Start Control: Line <2>5,4 = Print Speed: Normal <2>2-0= Print Density: Standard <4>C = Motion Unit: Dot by dot <4>4 = Character/Line: Max <4>2-0= Printable Area: 50.8mm <5>6 = Handshake: DIR <5>70 = RSB (USB) : Valid (RS-232C] : Invalid <7>4 = BUSY: All <8>-C = H-Reduced Size: Invalid <8>3 = H-Paper Reduction: Invalid <8>2 = V-Paper Reduction: Invalid <8 = N = Reduced Size: Invalid <8 = N = Reduction:	
	Exit and Reset Printer: Press and release. : Press and hold for 1 second or more.	
	 (8)3 = H-Paper Reduction: Invalid (8)2 = V-Paper Reduction: Invalid Press the FEED button as follows: Exit and Reset Printer: Press and release. Continue : Press and hold for 1 second or more. 	

[4] Executing .prn file via windows command promt (via serial COM port)

Please download the .prn test file here : <u>https://drive.google.com/file/d/1xr32IoKHNm1k-Hq0TX4rAQE-</u> <u>2EkG83Xm/view?usp=sharing</u>

[4.1]Open cmd(type "cmd" in the window start search box)

[4.2]Go to the .prn file location

C:\Users\SMSA2\Desktop>cd TEST C:\Users\SMSA2\Desktop\TEST>dir Volume in drive C has no label. Volume Serial Number is BAA5-C468 Directory of C:\Users\SMSA2\Desktop\TEST 09/12/2018 11:19 AM <DIR> . 218 DDTest.prn 1 File(s) 218 bytes 2 Dir(s) 78,858,104,832 bytes free C:\Users\SMSA2\Desktop\TEST>

[4.3]Type "mode COM1 BUAD=9600 PARITY=n DATA=8" then hit enter



[4.4]Type "copy DDTest.prn COM1" >> hit enter



[4.5]Printer will print receipt like this.

