



How to configuration BSC10E for printing 48 Character/Line and Darkest Font

****Connect printer through LAN Cable for get IP Address****

1. Download and Install Utility > <http://www.starmicronics.com/support/> Select same as below

Star Micronics Support Database

Welcome to the Star Micronics Global Support Site! Browse Star's online database to easily and quickly find drivers, software, documentation and FAQs. To begin, choose your printer below.

Star Micronics Software License Agreement

Product Type	<input type="text" value="Thermal"/>
	How do I find my Printer Type?
Printer Family	<input type="text" value="BSC10"/>
	How do I find my Printer Family Name?
Printer Model	<input type="text" value="BSC10"/>
	How do I find my Printer Model Name?
Interface	<input type="text" value="Ethernet"/>
	How do I identify my interface?
Operating System	<input type="text" value="Windows 10 / 8 / 7 / Vista"/>
	How do I identify my Operating System?
Language	<input type="text" value="EN / CH / FR / KR / RU / SP"/>



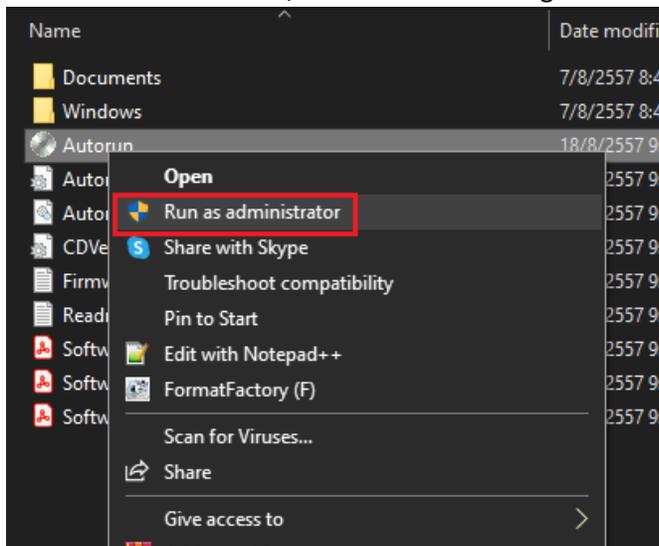
2. Click BSC10 Installation CD V2.1 for download

Recommended Driver:

▶ [BSC10 Installation CD V2.1*](#) (146MB)

*Installation CD Package including Windows Driver, Configuration Utility, OPOS and Manuals
Windows 10(32/64-bit), Windows 8.1(32/64-bit), Windows 8(32/64-bit), Windows 7(32/64-bit),
Windows Vista(32/64-bit)*

3. After download done, Go to that file and right click at "Autorun" and click "Run as administrator"





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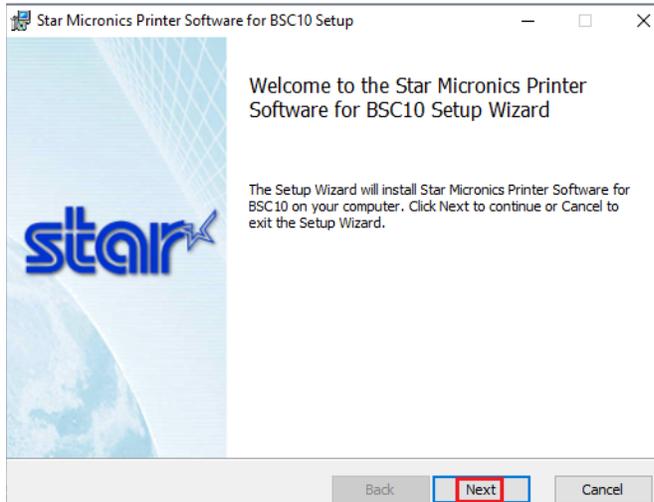
4. Click "Install"



5. Check "I Agree" then click "Next"



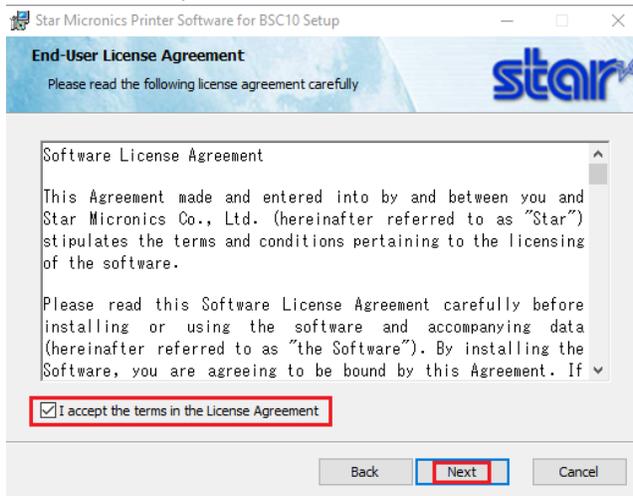
6. Click "Next"



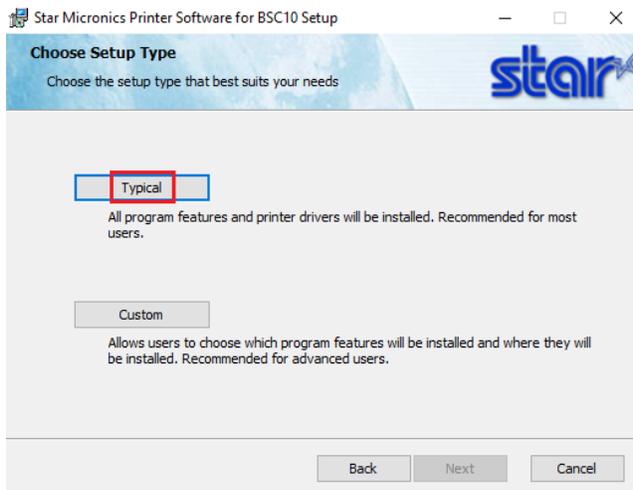


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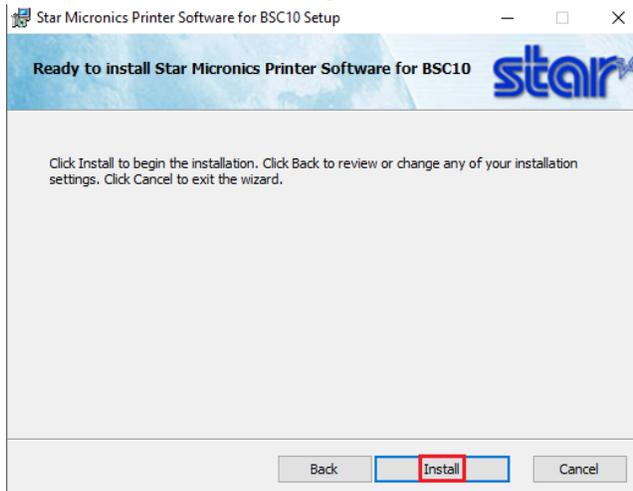
7. Check I accept... then click "Next"



8. Click "Typical"



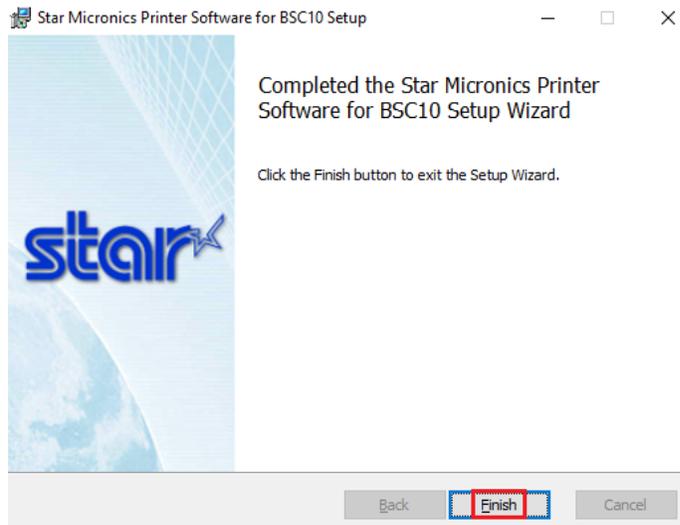
9. Click "Install" and waiting till finished



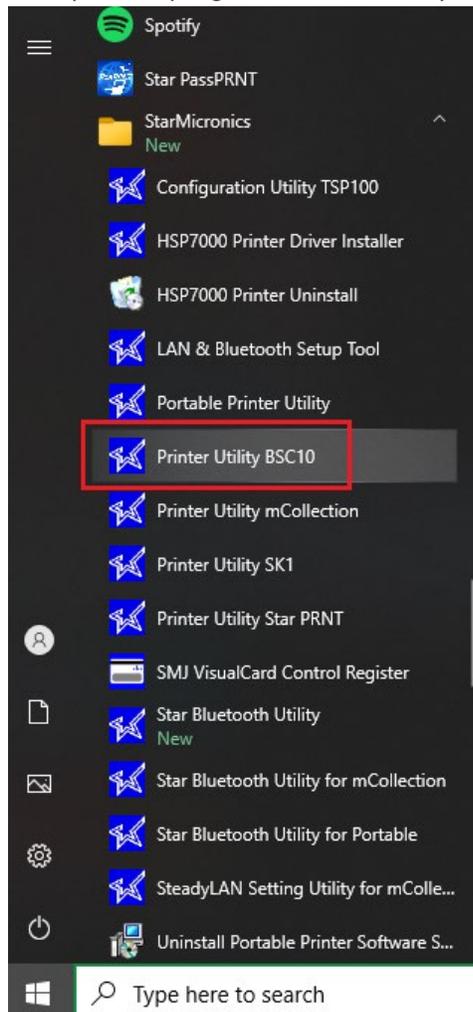


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10. Click "Finish"



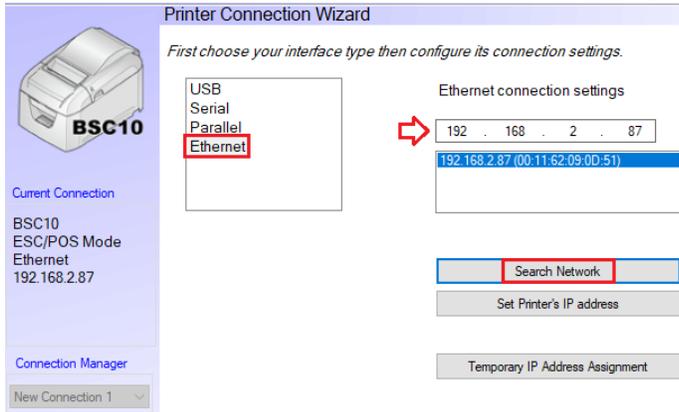
11. Open the program "Printer Utility BSC10"





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12. Click “Ethernet > Search Network” and waiting till get IP Address then click “Done”



13. Click “OK” if do not want to change printer name

Printer Utility



Enter a name for this printer connection.

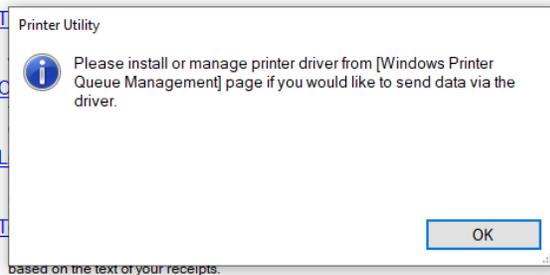
OK

BSC10-Ethernet192.168.2.87

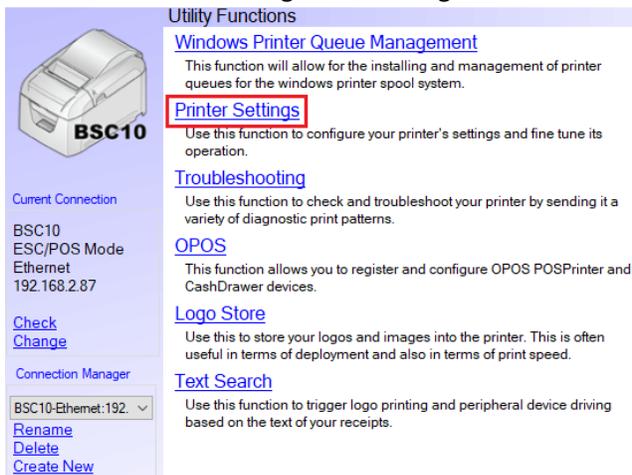
Cancel

14. Click “OK”

operation.



15. Click “Printer Setting” and waiting till finished download current configuration





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16. Setting at Paper Size to **80mm x Receipt (48 Columns)** and Printer Density to **+3 (Darkest)**

Utility Functions > Printer Settings

Category All *: Default Option

Ladder Barcode Adjustment	OFF *
Multi Bytes Character Code	Traditional Chinese (BIG5) *
 Paper Size	80mm x Receipt (42 Columns) * 80mm x Receipt (42 Columns) * 80mm x Receipt (48 Columns) 58mm x Receipt (30 Columns) 58mm x Receipt (33 Columns)
Print Density	
Print Speed	High Speed *
Printer Performance	Print Quality *
Top Margin	11mm *
Vertical Length Reduction	Disable *

Utility Functions > Printer Settings

Category All *: Default Option

Ladder Barcode Adjustment	OFF *
Multi Bytes Character Code	Traditional Chinese (BIG5) *
Paper Size	80mm x Receipt (48 Columns)
 Print Density	Standard * Standard * +1 +2 +3 (Darkest) *
Print Speed	
Printer Performance	Print Quality *
Top Margin	11mm *
Vertical Length Reduction	Disable *



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17. Click "Store" for save configuration then click "OK"

[Utility Functions](#) > [Printer Settings](#)

Category *: Default Option

Ladder Barcode Adjustment	OFF *
Multi Bytes Character Code	Traditional Chinese (BIG5) *
Paper Size	80mm x Receipt (48 Columns)
Print Density	+3 (Darkest)
Print Speed	High Speed *
Printer Performance	Print Quality *
Top Margin	11mm *
Vertical Length Reduction	Disable *

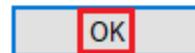
File Operations

Printer Operations

Success



All printer switch settings are stored correctly.





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18. Click "Printer Setting" for printing self-test of the printer (Should be same as next picture)

[Utility Functions](#) > [Printer Settings](#)

Category: All *: Default Option

Ladder Barcode Adjustment	OFF *	▼
Multi Bytes Character Code	Traditional Chinese (BIG5) *	▼
Paper Size	80mm x Receipt (48 Columns)	▼
Print Density	+3 (Darkest)	▼
Print Speed	High Speed *	▼
Printer Performance	Print Quality *	▼
Top Margin	11mm *	▼
Vertical Length Reduction	Disable *	▼

File Operations

Export Import

Printer Operations

Reset Defaults **Print Settings** Store Reload

```

*** BSC10 LAN Ver1.3 -b1.3 ***

-- Memory Switch --
      FEDCBA9876543210  HEX.
<0> 0000001000000000 0200
<1> 0000000000000000 0000
<2> 0000000000000000 0003
<3> 0000000000000000 0000
<4> 0000000000000000 0010
<7> 0000000000000000 0000
<8> 0000000000000000 0000

-- Memory Switch Detail --
<0>4 = Character Mode: Standard
<1>9 = Top Margin: Default
<1>7 = Large Font: Vaild
<2>C = 180 Rotation: Invalid
<2>A = Print Start Control: Line
<2>5,4= Print Speed: Normal
<2>2-0= Print Density: +3
<4>C = Motion Unit: Dot by dot
<4>4 = Character/Line: Max
<4>2-0= Printable Area: 72mm
<7>C = ASB: Valid
<7>4 = BUSY: All
<8>F-C= H-Reduced Size: Invalid
<8>B-8= V-Reduced Size: Invalid
<8>3 = H-Paper Reduction: Invalid
<8>2 = V-Paper Reduction: Invalid

```