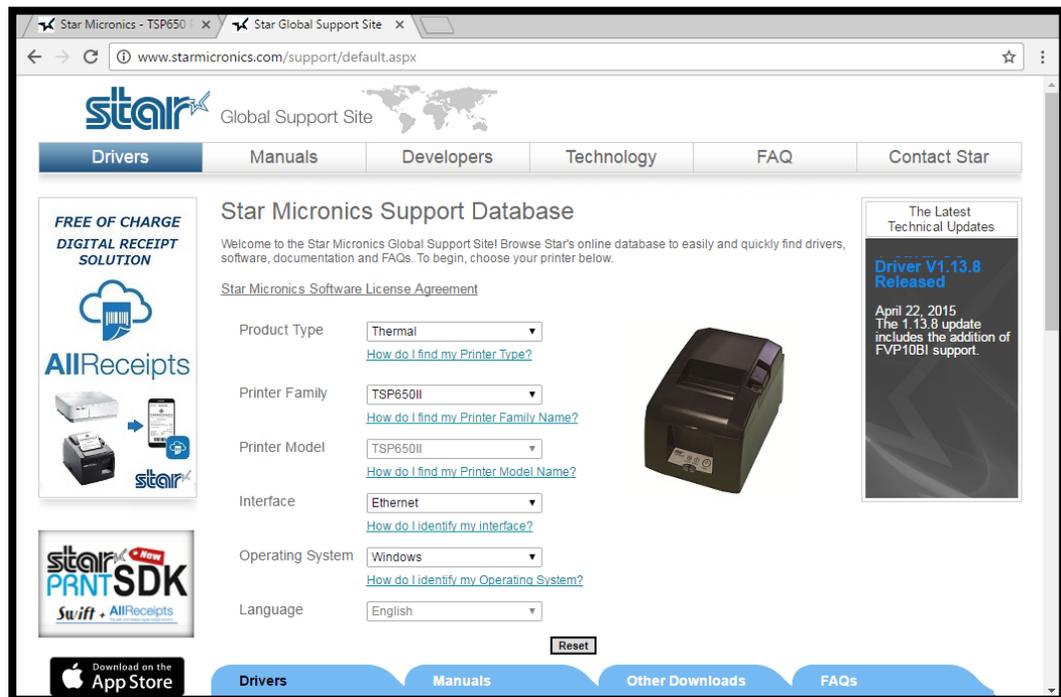


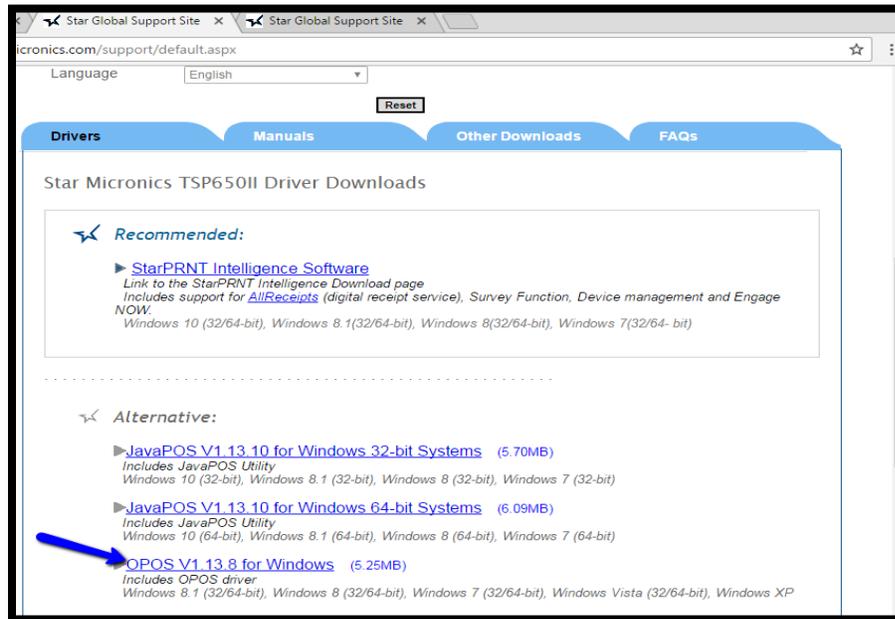


Star TSP650II Setup Guide

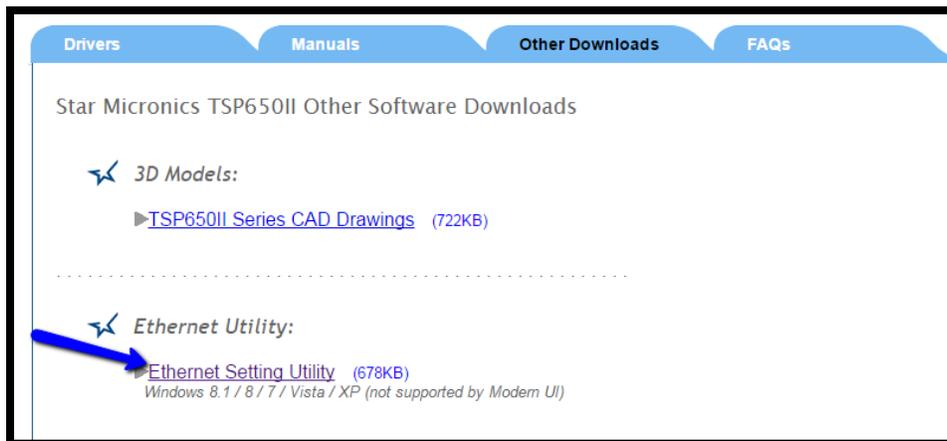
- This guide is for the Ethernet model but should be similar for all interfaces as long as the correct drivers are installed.
- Go to <http://www.starmicronics.com/support/default.aspx> and enter the details for the printer you have. *Be sure to change the interface if you are not using Ethernet.*

A screenshot of the Star Micronics Global Support Site. The browser address bar shows "www.starmicronics.com/support/default.aspx". The page features a navigation menu with "Drivers", "Manuals", "Developers", "Technology", "FAQ", and "Contact Star". The main content area is titled "Star Micronics Support Database" and includes a welcome message, a "Star Micronics Software License Agreement" link, and a search form. The search form has the following fields: Product Type (Thermal), Printer Family (TSP650II), Printer Model (TSP650II), Interface (Ethernet), Operating System (Windows), and Language (English). A "Reset" button is located below the form. To the right of the form is an image of a Star TSP650II printer. On the left side of the page, there are promotional banners for "FREE OF CHARGE DIGITAL RECEIPT SOLUTION", "AllReceipts", and "star PRINT SDK". On the right side, there is a "The Latest Technical Updates" section with a "Driver V1.13.8 Released" announcement dated April 22, 2015. The footer of the page contains links for "Drivers", "Manuals", "Other Downloads", and "FAQs".

- The page will load a list of drivers at the bottom. Download [OPOS V1.13.8 for Windows \(5.25MB\)](#) as shown below.

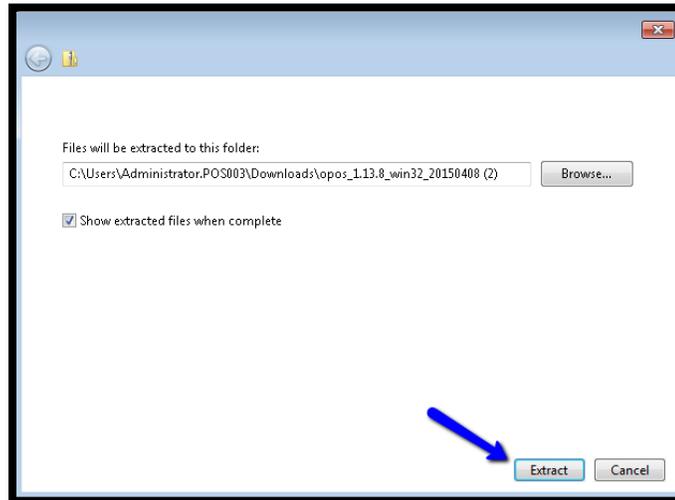


- Now select the (Other Downloads) tab and download [Ethernet Setting Utility \(678KB\)](#). ***This is for Ethernet interface versions only.***



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- Once both downloads have finished, navigate to your “Downloads” folder and right click on the file to select the (Extract All) option. Select “Extract” in the pop-up window.

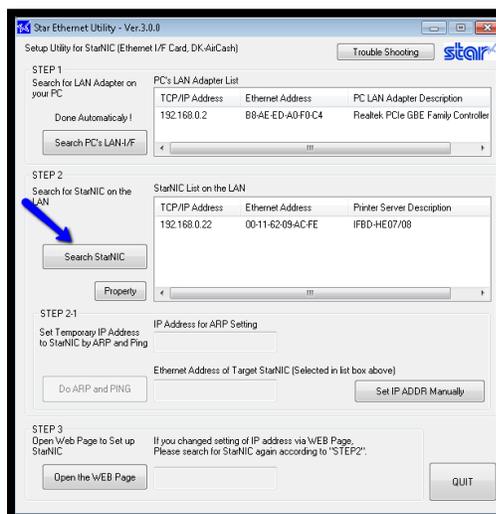


- Once the files are extracted, open the setupstarnic_v300_xp-vista-w7-w8_20150415 folder and run the setup utility. Select “Run” at the prompt and agree to the terms and conditions. Select “Next” on each screen and then “Install” to finish.
- Once the above install is complete, open the opos_1.13.8_win32_20150408 folder and run the setup utility. Select “Run” at the prompt and then “Next” on each screen until the end. **The setup program will automatically launch at the end of the install. Select “Exit” to close the installer as we do not have the port (IP) needed yet to configure the printer.**

- You should now have the following icon on your desktop called SetupStarNIC. Double Click the icon to open the utility.

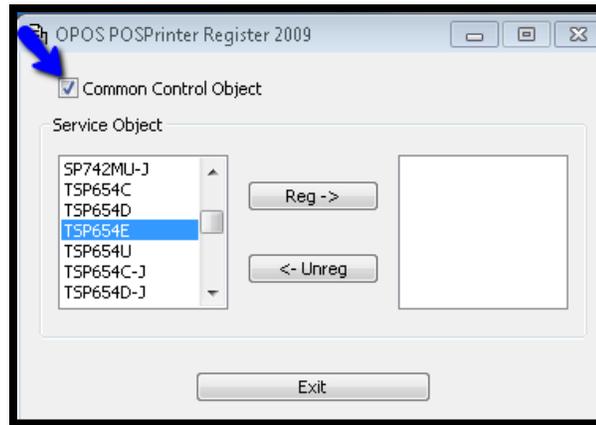


- The "PC's LAN Adapter List" should fill in automatically, if it does not, select the Search PC's LAN-I/F to populate the info. Once you have your PC's IP address, move to Step 2 and select Search StarNIC.
- Plug the printer in, and plug it into the network. The IP of the printer should automatically populate as shown below. If the IP does not automatically populate, confirm that the printer is connected to the network, and confirm that the green power light is solid on the printer with no errors (Red Light).

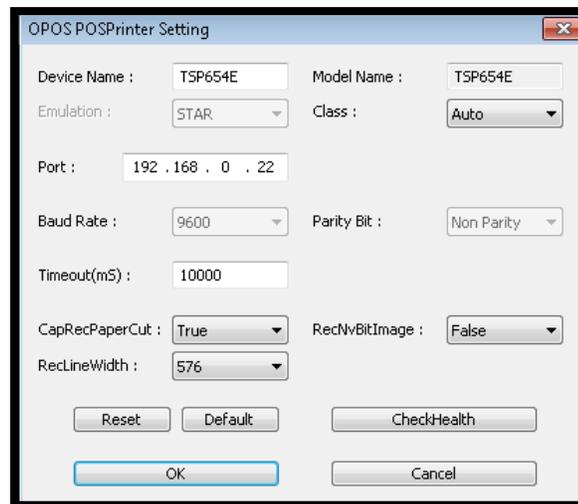


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- Write down the printer's IP Address, you will need it for the printer configuration. Press "QUIT" to exit.
- Open the Windows Start Menu and Select the StarMicronics folder. Select POSPrinterRegister. Check the Common Control Object check box at the top left and scroll down to the TSP654E in the Service object window, then select Reg - >.

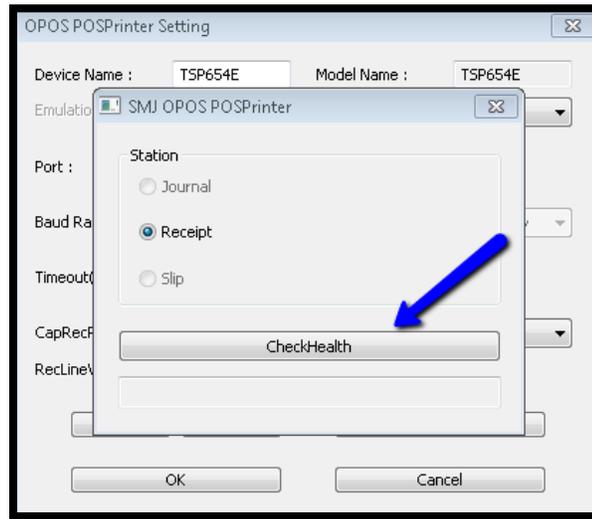


- Enter the IP Address for the printer in the "Port" field in the "OPOS Printer Setting" pop-up box.

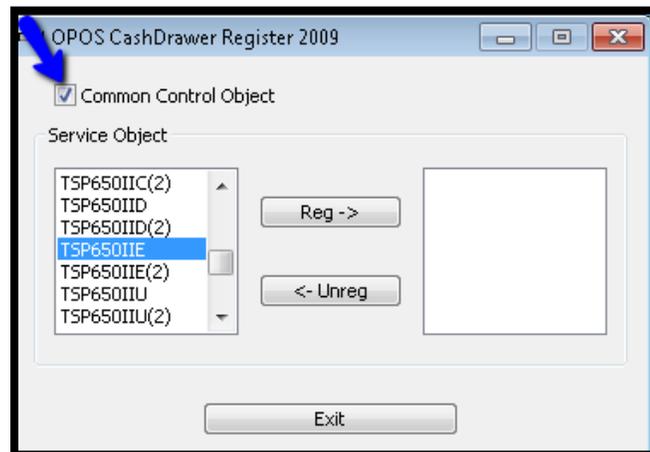


- Leave the other settings on the default options and select CheckHealth. Click CheckHealth in the new pop-up box. The printer should print a test page. If it does not, recheck the Green power light and the network connection and try again.

The printer will fail the health check if the CAP tool bar or POS is running. Please be sure to close all CAP programs before this step.



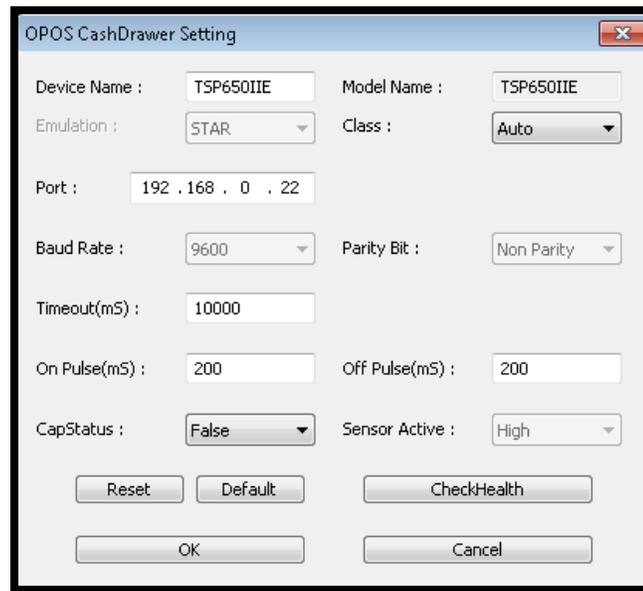
- Once the printer has passed the health check and successfully printed the test page, click 'OK' then "Exit."
- To install the Cash Drawer, open the Windows Start menu and browse to the StarMicronics folder, then select CashDrawerRegister. Check the Common Control Object check box and select TSP650IIE in the Service Object pane. Then click Reg -> to open the setup as shown below.



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- Enter the printer's IP address and leave the other settings on the default options. Select CheckHealth to test the cash drawer. If the Health Check is successful, press "OK" and "Exit". Proceed to the CAP Configuration menu to setup the printer and cash drawer in CAP.

Please be sure to close all CAP programs before doing a health check.



The screenshot shows a dialog box titled "OPOS CashDrawer Setting". It contains the following fields and controls:

- Device Name : TSP650IIE
- Model Name : TSP650IIE
- Emulation : STAR (dropdown)
- Class : Auto (dropdown)
- Port : 192 . 168 . 0 . 22
- Baud Rate : 9600 (dropdown)
- Parity Bit : Non Parity (dropdown)
- Timeout(mS) : 10000
- On Pulse(mS) : 200
- Off Pulse(mS) : 200
- CapStatus : False (dropdown)
- Sensor Active : High (dropdown)
- Buttons: Reset, Default, CheckHealth, OK, Cancel

All other interfaces for this model printer are similar but with different parameters and drivers, found here:

<http://www.starmicronics.com/support/default.aspx>