

Hardware & Device Setup

Manage your Hardware.

- [Summary](#)
- [STAR Printers](#)
 - [Choosing your hardware](#)
 - [Setting up your label printer](#)
 - [Setting up your receipt printer](#)

Summary

Use this screen to set up your hardware integration.

Star Printers

Star Printers may be used to product Product Labels and Sales Order receipts. They may also be linked to heads up displays, cash drawers and dedicated barcode scanners.

You can use this screen to clear the print queue and print test receipts/labels.

Setup

To use this screen, you must have first selected and set up your hardware.

Field	Purpose
Unique ID	<i>A unique ID for your printer (label only)</i>
Printer Name	<i>Enter a label for your printer</i> <i>It is recommended that you attach a physical version of this to the printer itself</i>
Barcode Reader	<i>Used if you are using a Star Barcode Reader (label only)</i>
Customer Display	<i>Used if you are using a Customer Display (label only)</i>
Last Printer Poll	<i>The last time the printer was active</i>
Type	<i>Choose from:</i> <ul style="list-style-type: none">• Receipt Printer• Label Printer <i>This will be the default output for items of that type when using your device</i>

Field	Purpose
Print Width	<p>Choose from:</p> <ul style="list-style-type: none"> • 72mm • 52mm
Roll Type	<p>Choose from:</p> <ul style="list-style-type: none"> • Continuous • Die Cut
Float Value (£)	<p>Enter a Float Value (Receipt Printers only)</p> <p>This defines the amount of cash (float) in the till at the start of each day, and affects End of Day and Till Discrepancy reporting</p>
Active	Toggle yes/no

Card Readers

To use this screen, you must have first selected and set up your [hardware](#).

Field	Purpose
Unique ID	A unique ID for your terminal (label only)
Device Type	Autofilled (label only)
Reader Label	A hardcoded label (label only)
Serial Number	Autofilled (label only)
Status	Shows the current status of the connection to the terminal (label only)
Active	Use this to toggle which payment terminal is linked to your device

STAR Printers

Choosing your hardware

Point of Sale

When purchasing hardware, please see our provider page [here](#)

Monitors and Touchscreen Devices

Our software is compatible with a wide variety of devices. It is optimised to run on touchscreen or via a tradition mouse and keyboard setup.

At your till point, you will need a device that can connect to the internet via a browser.

If you want to use a barcode scanner at point of sale, you will need a device with suitable connectivity, e.g. Bluetooth or USB.

Barcode Scanners

IXO Commerce is compatible with any keyboard wedge or HID barcode scanner. Typically, we recommend either Bluetooth or USB (wired) connections.

Keyboard wedge/HID (Human Interface Device) mode behave like a keyboard and are plug and play

Receipt Printers

Iconography recommend the Star Micronics TSP143IV printer for receipt printing.

These connect you your system via the cloud, and not directly to your device; see [setup](#) for more information

Important: When purchasing this printer, please ensure it has the CloudPRNT interface.

This printer can be purchased [here](#).



Cash Drawers

Iconography recommend the Star CB2002 cash drawer. This cash drawer connects to the back of the Star TSP654II receipt printer. Available in black or white.

This cash drawer can be purchased [here](#).



Customer Display

Iconography recommend the Star SCD222U customer display. This **optional** display connects to the back of the Star TSP654II receipt printer and is used to show totals to the customer at the point of sale. Available in black or white.

This customer display can be purchased [here](#).



Payments

We recommend Elavon for integrated instore payments. For more information, please [contact our team](#).

Warehouse

Label Printers

Iconography recommend the Star TSP743II printer for label printing.

These connect you your system via the cloud, and not directly to your device; see [setup](#) for more information

Important: When purchasing this printer, please ensure it has the CloudPRNT interface and an ethernet port included.

This printer can be purchased [here](#).



Labels

Barcode Scanners

IXO Commerce is compatible with any keyboard wedge or HID barcode scanner. Typically, we recommend either Bluetooth or USB (wired) connections.

Keyboard wedge/HID (Human Interface Device) mode behave like a keyboard and are plug and play

Fixed Label Sizes

If using the Star label printer, you will need labels. Labels can be one of two sizes. Either 76mm x 38mm or 55mm x 30mm.

Warehouse Labels

For Warehouse labels we recommend a 'continuous roll'.

Setting up your label printer

Step 1 - Connect your hardware

Ensure your Star printer is connected to the mains electricity and a working internet connection is connected via the Ethernet port.

Step 2 - Finding the printer's IP address

Turn off the Star printer.

Press and hold the feed button.

Turn the printer back on.

Continue to hold the feed button until the configuration report prints out and then let go. Then, wait a little longer for the Network report to print.

Confirm the printer IP address (at the bottom). An example IP address would be: 192.168.1.73

Step 3 - Access the printer's setup screen

Enter that IP into a web browser's address bar to access the configuration screen.

Step 4 - Login

The default login for Star CloudPRNT printers is "root". Use the password "public"
You can set your own password later if you wish.

image not found or type unknown



Step 5 - Ensure your Star printer is up-to-date

After logging into your Star printer for the first time, check that it's firmware is up to date. Simply click "Check for updates" and wait for the download to finish (if applicable).

image not found or type unknown



Step 6 - Enable CloudPRNT

Click on "CloudPRNT" in the left menu. Enable the service and enter the server URL as provided by Iconography.

Leave the poll time set to 5 seconds (the default).

Enter a username and password if Iconography has provided one, otherwise leave blank.

image not found or type unknown



Step 7 - Save Changes

Save your changes and restart your device.

image not found or type unknown



Step 8 - Download and Install 'Star Micronics Printer Software'

Open the link below and download the software.

Select 'StarPRNT Intelligence' from the first drop down, and then download the first option presented to you.

[Get Software](#)

Image not found or type unknown

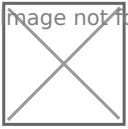


Step 9 - Connect to your Printer

Open your newly installed software and connect to the printer. You will need to know the printer's model, and it must be turned on and connected to the internet.

On the next screen, select 'Ethernet' and instruct the software to 'Search Network', and it will automatically find your printer.

Image not found or type unknown



Step 10 - Adjust Printer Settings

Once connected, you will be given a link to adjust printer settings.

Image not found or type unknown



Once the settings screen has loaded, simply set 'Black Mark Function' to 'Enabled'.

Image not found or type unknown



You have now set up your label printer.

Setting up your receipt printer

Step 1 - Connect your hardware

Ensure your Star printer is connected to the mains electricity and a working internet connection is connected via the Ethernet port.

Connect your barcode scanner in one of the USB ports.

Connect your customer display (optional) to the other USB port.

Connect the cash drawer to the interface at the back of the printer also.

Step 2 - Finding the printer's IP address

Turn off the Star printer.

Press and hold the feed button.

Turn the printer back on.

Continue to hold the feed button until the configuration report prints out and then let go. Then, wait a little longer for the Network report to print.

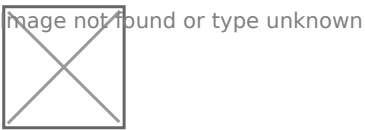
Confirm the printer IP address (at the bottom). An example IP address would be: 192.168.1.73

Step 3 - Access the printer's setup screen

Enter that IP into a web browser's address bar to access the configuration screen.

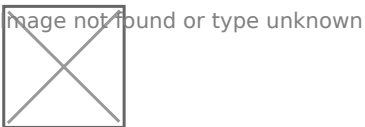
Step 4 - Login

The default login for Star CloudPRNT printers is "root". Use the password "public"
You can set your own password later if you wish.



Step 5 - Ensure your Star printer is up-to-date

After logging into your Star printer for the first time, check that it's firmware is up to date. Simply click "Check for updates" and wait for the download to finish (if applicable).

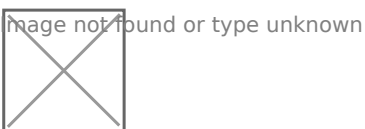


Step 6 - Enable CloudPRNT

Click on "CloudPRNT" in the left menu. Enable the service and enter the server URL as provided by Iconography.

Leave the poll time set to 5 seconds (the default).

Enter a username and password if Iconography has provided one, otherwise leave blank.



Step 7 - Set up your barcode scanner

Finally, select which barcode scanner you are using. Click on System Configuration and scroll down to the “Barcode Reader Device” section.

If you are using Star’s mPOP scanner, simply select this from the dropdown list.

Otherwise, select Generic HID Keyboard Scanner.

If you are using a Generic HID Keyboard Scanner, you’ll need to know the VID and HID values for your device. Enter those here. These values can also be found by connecting your device to a Windows PC and viewing the hardware properties tab.

Image not found or type unknown



Your EPOS hardware is now ready to use.