kodit PaperFlex
Make Your Labels Come Alive

DPI

What is meant by dots per inch (DPI)?

A Thermal Printhead is made up of a series of perfectly square heating elements over a ceramic substrate. These heating elements are referred to as dots. The number of these dots per inch (dpi) indicate the resolution of the print head. The standard DPIs are 203, 300, 400 and 600.

The Issue

Sending the same label to printers with different dpi settings will result in a variation of the size of the printed image. For example, sending a label designed for a 203 dpi format to a 300 dpi printer will result in the image that is 33% smaller.

"We have 30 or more older printers in our plant. New ones were ordered that are 300 DPI instead of 203 DPI like the old ones we have. The problem is that the old 203 DPI labels don't print correctly at the higher DPI (they are smaller). We can't change the label definitions because all of the old printers are still printing at 203 DPI. Does this mean we are out of luck for printing our old 203 DPI labels with this printer? Is there anything we can do other than get different printers?"

The only solution to this issue has been to design a label specifically for each dpi setting.

Solution

To solve this issue koditPaperFlex allows you to design templates and then select the appropriate dpi setting when you send to the printer.

koditPaperflex automatically creates the ZPL code required.

This means that a single template can be used to produce labels for printers having different dpi settings.

If you already have ZPL label templates and you just want to convert them to a specific desired DPI you can do this to.

<p align="center">koditPaperFlex – Make your labels come alive!!</p>