# Label size set command (D)

* **Description**: Sets the label size
* **Format**: [ESC] Daaaa, bbbb, cccc [LF] [NUL]
* **Example**: D0110,0920,0080
* **aaaa**: Pitch length of label
* **bbbb**: Effective print width
* **cccc**: Effective print length

# Position fine adjust command (AX)

* **Description**: Adjusts the feed length, cut position and back feed length.
* **Format**: [ESC] AX; abbb, cddd, eff [LF] [NUL]
* **Example**: AX;+004,+000,+00
* **a**: direction in which fine adjustment to be made forward(+) or backward(-) normally backward.
* **bbb**: Feed value to be finely adjusted (000 - 500)
* **c**: direction forward (-) or backward (+) in which a cut position fine adjustment is to be made.
* **ddd**: Amount for finely adjusting the cut position (000 - 180)
* **e**: Indicates whether the back feed is to be increased (+) or decreased (-)
* **ff**: Amount for finely adjusting the back feed (00 - 99)

# Print density fine adjust command (AY)

* **Description**: Adjusts the print density
* **Format**: [ESC] AY; abb, c [LF] [NUL]
* **Example**: AY;+08,0
* **a**: Increase (+) or decrease (-) the density
* **bb**: Print density fine adjustment command (00 - 10)
* **c**: Mode for fine adjustment thermal transfer (0) or direct transfer (1)

# Feed command (T)

* **Description**: Feeds one sheet of paper and aligns it with the first printing position.
* **Format**: [ESC] Tabcde [LF] [NUL]
* **Example**: T20C32

# Image buffer clear command (C)

* **Description**: Clears the image buffer
* **Format**: [ESC] C [LF] [NUL]

# Bit map font format command (PC)

* **Description**: Sets the bit map font command
* **Format**: [ESC] PCaaa; bbbb, cccc, d, e, ff (, ghh), ii, j [LF] [NUL]
* **Example:** PC001;0020,0035,1,1,G,00,B
* **aaa**: Character string number (000 - 199)
* **bbbb**: Print origin of format of X-coordinate
* **cccc**: Print origin of Y-coordinate
* **d**: Character horizontal magnification
* **e**: Character vertical magnification
* **ff**: Type of font mainly G (Helvetica medium)
* **ghh**: Fine adjustment of character to character space.
* **g**: Increase (+) or decrease (-) character to character space
* **hh**: No of spaces between characters (00 - 99)
* **ii**: Rotational angles of character and character string (mostly 00)
* **j**: Character attribution (mostly B for black character)

# Bit map font data command (RC)

* **Description**: Draws bit map font data
* **Format**: [ESC] RCaaa; bbb ------ bbb [LF] [NUL]
* **Description**: RC001;{{location}}
* **aaa**: Character string number
* **bbb ------ bbb**: Data string to be printed

# Bar code format command (XB)

* **Description**: Sets the bar code format
* **Format**: [ESC] XBaa; bbbb, cccc, d, e, ff, k, llll (, mnnnnnnnnnn, ooo, p, qq) [LF] [NUL]
* **Example**: XB01;0300,0500,9,3,02,0,0070,+0000000000,002,0,00
* **aa**: Bar code number (00 - 31)
* **bbbb**: Print origin of X-coordinate of bar code
* **cccc**: Print origin of Y-coordinate of bar code
* **d**: Type of bar code (mostly 5 (JAN13, EAN13) or 9 (CODE128))
* **e**: Type of check digit.
* **ff**: 1-module width 0-15 in dots
* **k**: rotational angle of barcode (0 - 0, 1 - 90, 2 - 180, 3 - 270)
* **iii**: Height of bar code (0001 - 1000)
* **mnnnnnnnnnn**: increment/decrement (optional m +/-, nnnnnnnnnn skip value 0000000000 to 9999999999)
* **ooo**: Length of wpc guard bar, optional 000-1000
* **p**: Selection of print or non-print numerals under bars ( optional, 0 - non-print, 1 - print)
* **qq**: Number of zeros to be suppressed (optional, 00 - 20)

# Bar code data command (RB)

* **Description**: Draws bar code data
* **Format**: [ESC] RBaa; bbb ------ bbb [LF] [NUL]
* **Example**: RB01;{{barcode}}
* **aa**: Bar code number 00 - 31
* **bbb ------ bbb**: Data string to be printed

# Issue command (XS)

* **Description**: Issues (prints) the label
* **Format**: [ESC] XS; I, aaaa, bbbcdefgh [LF] [NUL]
* **Description**: XS;I,0001,0002C3201
* **aaaa**: Number of labels to be issued 0001 - 9999
* **bbb**: Cut interval normally 000 no cut.
* **c**: Type of sensor normally 2 (Transmissive sensor when using normal labels)
* **d**: Issue mode normally C (Batch mode)
* **e**: Issue speed normally 3 (3 inches/sec)
* **f**: with/without ribbon normally 2 (with)
* **g**: Tag rotation normally 0 (Printing bottom first)
* **h**: Type of status response normally 1 (status response)