

IPDS Emulation

The following is the description of the printer IPDS specific menu items. These items appear only, when the Ethernet interface board option is installed in the printer. The Printer uses the IPDS data stream (default setting) as well as the ASCII data stream. To change the data stream, access the Power On Configuration and scroll the items up to LAN INTERFACE item (see the User Manual for details).

LAN INTERFACE PARAMETERS

PARALL INTERFACE



LAN INTERFACE



FUNCTIONS



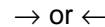
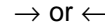
LAN INTERFACE



STREAM IPDS
STREAM ASCII



IP ASSIGN FIXED



Selects the Data Stream parameter to the following values:

- IPDS (default)
 - ASCII
-

The IPDS emulation menu items have been included in the four user macros. To select the IPDS items, access the Program Setup, select the User Macro and scroll the items up to Vertical Character Tuning (see User Manual for details).

The IPDS items have the following structure:

IPDS Emulation options

Pitch Selection

TUNING: VERT 0

↑

I-PITCH 10 CPI	→ or ←
I-PITCH 12 CPI	→ or ←
I-PITCH 15 CPI	→ or ←
I-PITCH 16.7 CPI	→ or ←

↓

I-LINE SP. 6 LPI

These items set the horizontal spacing in characters per inch. The default value is 10 CPI.

Line Spacing

I-PITCH 10 CPI

↑

I-LINE SP 6 LPI

→ or ←

I-LINE SP 8 LPI

→ or ←

↓

I-RIGHT MARG 132

These values define the line spacing in lines/inch (6, 8). The default value is 6 LPI.

Right Margin

I-LINE SP. 6 LPI

↑

I-RIGHT MARG 1

→ or ←

I-RIGHT MARG 132

→ or ←

I-RIGHT MARG xxx

→ or ←

↓

I-FLEN 66 LINES

The Right Margin is set in number of characters (depending on the current pitch) the printer prints on a line. The default value is 132. The Right Margin and the CPI settings determine the length of the print line. The maximum line length is 13.6 inches.

Page Length

I-RIGHT MARG 132

↑

I-FLEN	1 LINE	→ or ←
I-FLEN	66 LINES	→ or ←
I-FLEN	xxx LINES	→ or ←

↓

I-FONT FAST

Selects the page length for the printer from 1-660 lines for 6 LPI and 1-880 lines for 8 LPI. The default value is 66 lines.

Print Quality

I-FLEN 66 LINES

↑

I-FONT	FAST	→ or ←
I-FONT	DP	→ or ←
I-FONT	DP TEXT	→ or ←
I-FONT	NLQ	→ or ←

↓

I-HOST FAST YES

Selects the Print Quality to any of the following values:

- Fast Draft Quality (default value)
- DP (Data processing) Quality
- DP Text Quality
- Near Letter Quality (NLQ)

Host Fast Draft

I-FONT FAST

↑

I-HOST FAST	YES	→ or ←
I-HOST FAST	NO	→ or ←

↓

I-NATION CP500

Selects the Host Fast Draft parameter to the following values:

- YES (default): The highest print speed (lowest print quality) available through the data stream is Fast Draft Quality.
 - NO: The highest print speed (lowest print quality) available through the data stream is DP Quality.
-

Print National Character Sets

I-HOST FAST YES

↑

I-NATION	CP37	→ or ←
I-NATION	CPxxx	→ or ←
I-NATION	CP500	→ or ←
I-NATION	CPxxx	→ or ←
I-NATION	CP1149	→ or ←

↓

I-EMUL .MODE 4247

The following national character sets can be selected:

CP37 USA/Canada	CP260 Canadian French	CP273 Austrian/German	CP274 Belgian Old	CP275 Brazilian
CP277 Danish/Norwegian	CP278 Finnish/Swedish	CP280 Italian	CP281 Japanese English	CP282 Portuguese
CP284 Spanish	CP285 English (UK)	CP290 Japanese Katakana	CP297 French	CP420 Arabic
CP423 Greek (Old)	CP424 Hebrew	CP500 International 5	CP833 Korean	CP838 Thai
CP870 Latin2 / ROECE	CP871 Icelandic	CP875 Greek (New)	CP880 Cyrillic	CP890 Yugoslav (Old)
CP892 OCR-A	CP893 OCR-B	CP924 Latin 9	CP1025 Cyrillic Multilingual	CP1026 Turkish
CP1097 Farsi	CP1112 Baltic Multilingual	CP1122 Estonian	CP1140 Euro USA/Canada	CP1141 Euro Austrian/German
CP1142 Euro Danish/Norwegian	CP1143 Euro Finish/Swedish	CP1144 Euro Italian	CP1145 Euro Spanish	CP1146 Euro English (UK)
CP1147 Euro French	CP1148 Euro International 5	CP1149 Euro Icelandic		

Emulation Mode

I-NATION CP500

↑

I-EMUL. MODE	4247	→ or ←
I-EMUL. MODE	4224	→ or ←
I-EMUL. MODE	4230	→ or ←

↓

I-MSIZE PRIO ALT

Selects the Emulation mode to the following values:

- 4247 (default)
- 4224
- 4230

Media Size Priority

I-EMUL. MODE 4247

↑

I-MSIZE PRIO	ALT	→ or ←
I-MSIZE PRIO	STD	→ or ←

↓

I-BC MODE HIGH

This parameter affects the use of the XOH Set Media Size (SMS) order. The Media Size Priority setting specifies whether XOH-SMS orders take precedence over the Op Panel setting for Right Margin and Form Length.

The following values are available:

- ALT (Alternate) (default): The XOH-SMS order values have priority. If an XOH-SMS order is present. Its values will be used to define the page size instead of the Op Panel settings
 - STD (Standard): The smaller page size values have priority. The page size will be the smaller values of the Op Panel settings and the XOH-SMS values.
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Bar Code Mode

I-MSIZE PRIO ALT

↑

I-BC MODE	HIGH	→ or ←
I-BC MODE	LOW	
I-BC MODE	HOST	→ or ←

↓

I-GRA MODE HIGH

This parameter selects the Bar Code Mode to any of the following values:

- HIGH (default): High contrast Bar Codes
- LOW: Low contrast Bar Codes
- HOST: Contrast as specified by the IPDS data stream

Graphics Mode

I-BC MODE HIGH

↑

I-GRA MODE	HIGH	→ or ←
I-GRA MODE	LOW	→ or ←
I-GRA MODE	HOST	→ or ←

↓

MACRO -> MFG NO

This parameter selects the Graphics Mode to any of the following values:

- HIGH (default): High density graphics
- LOW: Low density graphics
- HOST: Density as specified by the IPDS data stream