

O

Hardware Options

Description Use this command to select various printer options. Options available vary by printer configuration.

Options selected and enabled in a printer can be verified by checking the printer configuration printer status label. See the *U* command on page 148 and the *Explanation of the Status Printout* on page 36.

Mobile printers, such as the TR 220, ignore this command.

Syntax O[C[p1],D,P,L,S,F]

Parameters This table identifies the parameters for this format:

Parameters	Details
C = Enable optional Label Liner Cutter	The cutter will cut at the end of each form as specified by the Q command.
Cp₁ = Batch print labels and liner cut	Sets the number of labels to print prior to cut. If a number between 1 - 255 is specified for p₁ , the printer will cut after the specified number of labels have been printed. If b is specified for p₁ , the “batch print & cut” feature is enabled. This feature uses the P command to control cutter operation.
D = Enable direct Thermal Mode	Enable Direct Thermal Mode, use this option when using direct thermal media in a thermal transfer printer.
d = Status	Not a command, this is a status only. Out of box default Direct Thermal Mode setting used in a 2844, 2824 or 3842 thermal transfer printer's and is displayed in the Dump Mode status printout. Changing the printer to thermal transfer mode or when the printer detects a transfer ribbon will cause this option parameter to permanently be removed from the status printout.
P = Enable label taken sensor	Enable label taken sensor for the Label Dispense (Peel) Mode.
L = Enable printer's Feed button	Enable the printer's Feed button for Tap to Print operation in the Label Dispense (Peel) Mode. The printer will present each label and wait for a tap of the Feed button before printing the next label. Use this mode when printing multiple copies of liner-free labels.

Parameters	Details
S = Reverse sensor operation	Reverse the Transmissive (Gap) Sensor's normal operation.
Fp₁ = Form Feed Setting	<p>p₁ = Sets the type of operation the feed button .</p> <p>f = Default, normal operation. Tap to feed.</p> <p>r = Reprint last label printed.</p> <p>i = Ignore the feed button.</p>



Example •

```

O↓           : disables all options.
OC↓         : enables cutter only, labels
             are cut after each
             : label is printed, disables
             all other options
OD↓         : enables direct thermal mode
             on thermal transfer
             : printers, disables all other
             options
OCb↓       : labels are cut after a batch
             of five has printed,
...         : disables all other options
P5↓        : Sets the number of labels to
             print before the cut

```

U

Print Configuration (General)

Description Use this command to print the current printer configuration for page mode printing. The printout is the same the Dump Mode printout initiated by the printer's AutoSense routine. The printer does not enter Dump Mode. See *Explanation of the Status Printout on page 36* for a description of this printout.

Syntax U

Parameters There are no parameters for this format.



Example • The configuration label below is produced by this command:

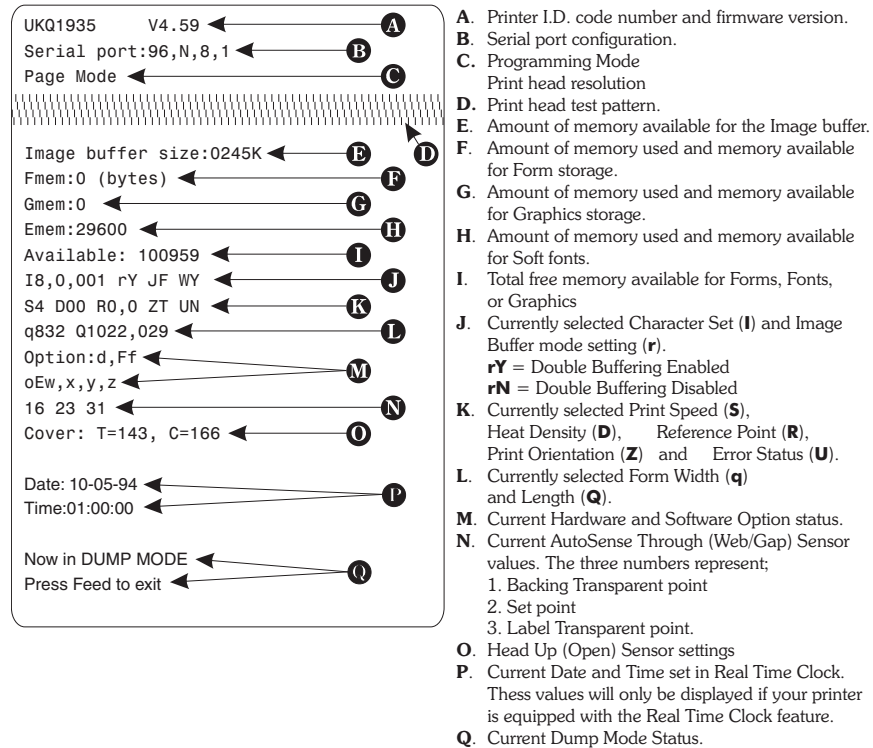
U↓

```
UK01935HLU      V4.59
Serial port:96,N,8,1
Page Mode
Image buffer size:0245K
Fmem used: 0 (bytes)
Gmem used: 0
Emem used: 29600
Available: 100959
I8,0,001 rY JF WY
S4 D10 R0,0 ZT UN
q832 01016,24
Option:D,Ff
oEv,u,x,y,z
06 11 18
Cover: T=143, C=166
```

Explanation of the Status Printout

Depending on your printer model, your configuration label will look similar to one of those shown below. See [Figure 10 on page 325](#) for additional information.

Figure 4 • Configuration Label Print Samples



- A. Printer I.D. code number and firmware version.
- B. Serial port configuration.
- C. Programming Mode
Print head resolution
- D. Print head test pattern.
- E. Amount of memory available for the Image buffer.
- F. Amount of memory used and memory available for Form storage.
- G. Amount of memory used and memory available for Graphics storage.
- H. Amount of memory used and memory available for Soft fonts.
- I. Total free memory available for Forms, Fonts, or Graphics
- J. Currently selected Character Set (**I**) and Image Buffer mode setting (**r**).
rY = Double Buffering Enabled
rN = Double Buffering Disabled
- K. Currently selected Print Speed (**S**), Heat Density (**D**), Reference Point (**R**), Print Orientation (**Z**) and Error Status (**U**).
- L. Currently selected Form Width (**q**) and Length (**Q**).
- M. Current Hardware and Software Option status.
- N. Current AutoSense Through (Web/Gap) Sensor values. The three numbers represent;
1. Backing Transparent point
2. Set point
3. Label Transparent point.
- O. Head Up (Open) Sensor settings
- P. Current Date and Time set in Real Time Clock. These values will only be displayed if your printer is equipped with the Real Time Clock feature.
- Q. Current Dump Mode Status.

Dump Mode Character Map

The printer's Dump Mode is used to troubleshoot programming. The printer will print all data as sent in Dump Mode Characters, shown below.

Figure 10 • Dump Mode Character Map

0123456789ABCDEF	
0	°@⊕♥♦♣♠•◻◻♁♀♂♂
1	▶◀↑!!π\$ _ ± ↑ ↓ → ← ↲ ↳ ▲ ▼
2	!"#\$%&'()*+,-./
3	0123456789:;<=>?
4	@ABCDEFGHIJKLMNO
5	PQRSTUVWXYZ[\]^_
6	'abcdefghijklmnopq
7	rstuvwxyz{ }~Δ
8	ÇüéâãäåçêëèìíîïË
9	ÉæffôöòûüÿöÜø£Øxf
A	áíóúñÑªº¿@-½¼¡«»
B	⌘⌘⌘ †ÁÂÀ⊙ η♂♂¥₱
C	ℒℒℒ†-†ãÃℒℒℒ=†⊗
D	öÐÉÈÈìí}ìℒℒℒìì
E	óβôòõöμϐÚÛÜýÝ
F	-±=¼π\$÷˘°···132■²³
0123456789ABCDEF	