

Changing Barcode Label Darkness

Many barcode label machines use thermally sensitive labels to print information, receipt printers work in a similar fashion. Over time when exposed to heat and light the thermal image based material may fade. In some cases if exposed to high heat the printed image can over darken as well. This change in light/darkness can prevent you from successfully scanning the barcode.

Some stores have found that printing a darker label to begin with helps prevent the issue later on. We have found that changing the label printer to print at a darkness setting of around 200 seems to work best. Below are steps for changing the darkness setting on your Cognitive DLX label printer. Bear in mind, there are two different locations in the print driver that this setting must be changed,

- Open Devices and Printer on the Windows Start menu
- Locate the Advantage DLX printer
- Right click and choose "Printer Properties"
- On the General tab, click the "Preferences" button.
- On the Options tab, set the Darkness setting to 200, click OK to return to the main properties window.
- Printers and Faxes (4)

 See what's printing
 Set as default printer
 Printer properties

 Create shortcut

 Troubleshoot
 Remove device

 Properties
- You may need to change this setting a few times to get the correct setting for your printer though most often 200 is acceptable.

🖶 Cognitive DLX 2 inch DT Properties 🧮					
Printer Settings	Stocks Language	Barcode Fonts Command	Fonts About		
General	haring Ports Adv	vanced Color Manageme	nt Security		
4	Cognitive DLX 2 inch DT				
Location:					
Comment:					
M <u>o</u> del: Features	Cognitive DLX 2 inch DT				
Double-side	ad: No	Here defined			
Staple: Unk	nown	0.75 × 0.75 inch	Â		
Speed: Unki	nown	1.15 x 1 inch 1.2 x 1 inch			
Maximum r	esolution: 200 dpi	1.25 × 2 inch	-		
Change Properties Pr <u>e</u> ferences Print <u>T</u> est Page					
OK Cancel Apply Help					

Command Fonts	Custom Com	mands	Import/Expo	ort settings	About
Options Adva	nced Setup	Ditheri	ng Stocks	Barco	de Fonts
Settings					
No. Of Co	pies:	1			
Speed:		Normai			
Darkness	:	200	_		
Stocks:		User defir	nea		•
Paper Format —					
Cm		•	ortrait		
🔘 mm	F	ł	Iandscape		
inch			rotate 180°		
Size					
Width:	2.00				
Height:	3.00				
Unprintable Area					
Left:	0.00		Top:	0.00	
Right:	0.00		Bottom:	0.00	
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- The darkness setting must also be repeated from the Advanced tab, Printing Defaults button, options tab
- Click OK back through all properties windows. Close out Anthology if already open, reopen and test a barcode label. You can adjust the setting lower or higher, again 200 seems to be the best for most printers.

Printer Settings Stocks Language Barcode Pints Command Fonts About	Command Fonts Custom Commands Import/Export settings About				
General Sharing Ports Advanced Color Management Security	Options Advanced Setup Dithering Stocks Barcode Fonts				
Always available Available from 12:00 AM To 12:00 AM	Settings No. Of Copies: 1				
Priority: 1	Speed: Normal Darkness: 200				
Driver: Cognitive DLX 2 inch DT New Driver	Stocks: User defined				
Spool print documents so program finishes printing faster Paper Format Orm O portrait					
Start printing after last page is spooled	mm A Olandscape				
Start printing immediately	inch inch inch				
Print directly to the printer					
Hold mismatched documents	Width: 2.00				
✓ Print spooled documents first	Height: 3.00				
Keep printed documents Unprintable Area					
Fnable advanced printing features	Left: 0.00 Top: 0.00				
Printing Defaults Print Processor Separator Page	Right: 0.00 Bottom: 0.00				
OK Cancel Apply Help					
	OK Cancel Apply Help				