

Firmware Update to DASCOM DC-7600 in Windows 7



Proper Driver installation is needed before updating the DC-7600 Printer can begin, with the selection of the correct USB port established.

1) Click "Devices and Printers" in control panel



2) "Right click" on the Driver to select the "Printer Properties" of the DC-7600 Printer then click on the Preferences button.

General Shari	ng Ports	Advanced	Color Management	Security Utility	
-	DASCO	M DC-7600			
Location:					
<u>C</u> omment:					
Model:	DASCON	A DC-7600			
Features					
Color: Yes			Paper availab	le:	
Double-si	ded: Yes		CR80-Extra(56.0 x 89.4 mm)	~
Staple: No	known				
Maximum	resolution	: 600 dpi			-
		Pr	<u>e</u> ferences	Print <u>T</u> est Pa	ge

3) At the DC-7600 Printing Preferences page, click on the Maintenance tab

DASCOM DC-7600 Printi	ng Preferences			×
Card Ribbon Graphics Gr	aphics(Back) Maint	tenance		
	Card Size(<u>S</u>)	CR80-Ex	tra(56.0 x 89.4	4 mm) 🔻
	Copies(C)	1	·	Card Thickness(T) Thick -
	Ribbon Option	10.000000000000000000000000000000000000		
	Detect printe print job	r's Ribbon	type every	
	Ribbon Type(<u>R</u>)	YMCK	-	
	H Value(<u>H</u>)	255	(0~255)	
	Print Side			Sample
	Simplex(S)			
	Print to I	Back Side o	f Card	
	Duplex(D)			
	Split 1 Se	et of Ribbo	n Panels	
	The Bad Front Sid	k Image Pri de of Card	nt on	
	Orientation			A
	Eandscape	IJ		
	Portrait(P)			
	Rotation			
	Front side r	otate 180	deg(<u>1</u>)	
	Back side ro	otate 180 d	eg <u>(8</u>)	
		_		
	Unit Setting(L)	Driver Version	(N) Reset(R)
			0	K Cancel Apply

/

4) Click on the Printer Settings button.

DASCOM DC-7600 Printing Preferences	×
Card Ribbon Graphics Graphics(Back) Maintenance	
Test Data Printing Perform a test card issuance.	
Printer Information Showing status of printer.	
Printer Setting Read and modify printer's setting.	
Other setting Image: Color Management:	
System Manage	
OK Cancel Ap	ply

5) From the list of Parameter Items, select **Version Info** to verify what the current Firmware the Printer has.

Printer Info	Head Temperature:	41.00 °C 🚺	Hea ro	ter 203.60 °C	Printer Menu Mode
Print Head Info	Main Status:	Ready to Print	١	lo Warning	Oser Mode
Printer Setup	Parameter List:				C Service Mode
Card Setup	Item	Status	Units	Attribute	
Ribbon / Film Setu	Main Version	01.00.00.03		R	
Image Setting	SubFW Version	01.07.00.22		R	
Interface Setup	Main Boot	01.90.00.00		R	
Option status	Sub Boot1	01.10.00.00		R	
	Sub Boot2	01.80.00.00		R	
	FPGA Version	01.08.01		R	-
					Read
•					Write
oduction:					
				*	Restore All

6) Change the bullet from User Mode to Service Mode and when prompted, add the password – 123456

Password Verify		×
Password:	Input a 6 byte length password please	
	Change Password	
	DK Cancel	

7) Jot down or do a screen capture of **ALL** the Print Position parameters seen on the Service Mode.

DASCOM DC-7600 Security	/_UtilityTool				-
Parameter Item: Print Pos Set Density Setup System Setup Head Info Option Day Reformance	Printer Info Head Temperature: 39.00 °C An Heater 189.70 °C Main Status: Ready to Print No Warning Customer Characters: DC-7600 Scroll & Modify				Printer Menu Mode O User Mode Service Mode
Dev Performance	Parameter List:				
	Item	Status	Units	Attribut ^	
	Film VTC Print Pos	10	dot	R&W	
	Film HRZ Print Pos	0.00	mm	R&W	
	Yellow Shift VTC(Front)	0	dot	R&W	Dead
	Magenta Shift VTC(Front)	0	dot	R&W	Reau
	Cyan Shift VTC(Front)	0	dot	R&W	
	Black Shift VTC(Front)	0	dot	R&W	Write
	Yellow Shift VTC(Back)	0	dot	R&W	
	Magenta Shift VTC(Back)	0	dot	R&W	Write precent confi
	Cyan Shift VTC(Back)	0	dot	R&W	Write all config
	Black Shift VTC(Back)	0	dot	R&W	
	Yellow Shift HRZ(Front)	0	dot	R&W	Write all conlig
	Magenta Shift HRZ(Front)	0	dot	R&W	
	Cyan Shift HRZ(Front)	0	dot	R&W 🗸	Restore All
	<			>	
ntroduction:	Imported File				Import Config
				^	Export Config
					Exit

8) Click on the Exit button and then OK to get back to the Printer Properties page to select the Utility tab.



9) Click on the Browse button to point what location the firmware to download to the Printer is and then select the Firmware (ie DC-7600v10.02.00.03 FWFPGA.mot)

DASCOM DC-7600 Security_FW Update	
Firmware File Path:	0
	2
Update in Normal Mode	
🔘 Update in ROOT Mode	
Update	Exit
Update in Normal Mode: Printer is in "ready print" status when I printer. You can update FPGA-FW, Sub-F	begin to send FW file to W, Main-FW in this mode.
Update in ROOT Mode: Printer is run in Updata mode when be printer. You can update SubBoot-FW, Ma Sub-FW, Main-FW in this mode.	egin to send FW file to inBoot-FW, FPGA-FW,

10) After selecting the firmware path, click on "Update in Normal mode".



11) A "gas gauage" window will show the progress of the Firmware download then a Success window will show

Finish	×
FW file is sent successful. Continue the next operatior printer's LCD tip.	n follow the
	ОК

- 12) The display of the Printer will show the progression of the Update.
- 13) Press EXIT button to back out of the Firmware Update Utility.
- 14) The Printer will continue to progress through the Update and when finished will power cycle, Off then On, coming up to a READY state.
- 15) Once finish, verifying the Firmware Update was successful as outlined in steps 2, 3, 4 and 5 above -

Parameter Item:	Printer Info Head		Hea	iter 189.80 °	C Printer Menu Mode
Head Info	Temperature: Main Statu	User Mode			
- <mark>Version Info</mark> - Printer Setup ⊪ Card Setup	Customer Characters:	DC-7600	Sc	roll ~ ow ~	Ó Service Mode
Ribbon / Film Setu	Parameter List:				
Interface Setup	Item	Status	Units	Attribute	
Option	Main Version	10.02.00.03		R	
6	Sub Version	01.09.00.05		R	
	Main Boot	02.02.00.00		R	Read
	Sub Boot1	01.10.00.00		R	
	Sub Boot2	01.81.00.00		R	
	FPGA Version	01.08.27		R	Write
					⊖ Write present confi
					• Write all config
					Restore All
< >					
troduction:	File				Import Config

16) Go back into Service Mode (following the steps 6 & 7 above), to return the Print Position parameters to those seen before the Update.

arameter Item:	Printer Info				Printer Menu Mode	
Print Pos Set	Temperature: 39.00	Temperature: 39.00 C P roller 189.70 C				
Density Setup	Main Status: Ready to	No Warnir	ŋg	O User Mode		
– System Setup – Head Info – Option	Customer DC-7600 Characters:		Scroll ~ Show ~		Service Mode	
Dev Performance	Parameter List:					
	Item	Status	Units	Attribut ^		
	Film VTC Print Pos	10	dot	R&W		
	Film HRZ Print Pos	0.00	mm	R&W		
	Yellow Shift VTC(Front)	0	dot dot dot	R&W	Dead	
	Magenta Shift VTC(Front)	0		R&W	Read	
	Cyan Shift VTC(Front)	0		R&W		
	Black Shift VTC(Front)	0	dot	R&W	Write	
	Yellow Shift VTC(Back)	0	dot	R&W		
	Magenta Shift VTC(Back)	0	dot	R&W	Write present conf	
	Cyan Shift VTC(Back)	0	dot	R&W	O write present com	
	Black Shift VTC(Back)	0	dot	R&W	Write all config	
	Yellow Shift HRZ(Front)	0	dot	R&W	Write all coning	
	Magenta Shift HRZ(Front)	0	dot	R&W		
	Cyan Shift HRZ(Front)	0	dot	R&W 🗸	Restore All	
	<			>		
ntroduction:	Imported File				Import Config	
				^	Export Config	
					Exit	

17) To add the value, click on the number in the Status Colum then type your value.

Parameter Item:	Printer Info	an 🕅	Heater		200 00 00 00
Print Pos Set	Temperature: 42.00	Printer Menu Mode			
Density Setup	Main Status: Ready	to Print	No Warnir	na	O User Mode
System Setup				.9	
Head Info	Customer DC-7600		$\text{Scroll} \lor$	Madify	Service Mode
Option	Characters:		Show ~	Moully	
Dev Performance	Parameter List:				
	Item	Status	Units	Attribut ^	
	Film VTC Print Pos	10	dot	R&W	
	Film HRZ Print Pos	0.00	mm	R&W	
	Yellow Shift VTC(Front)	0	dot	R&W	Read
	Magenta Shift VTC(Front)	0	dot	R&W	Neau
	Cyan Shift VTC(Front)	0	dot	R&W	
	Black Shift VTC(Front)	0	dot	R&W	Write
	Yellow Shift VTC(Back)	0	dot	R&W	
	Magenta Shift VTC(Back)	0	dot	R&W	Mirita procept conf
	Cyan Shift VTC(Back)	0	dot	R&W	U write present com
	Black Shift VTC(Back)	0	dot	R&W	Write ell config
	Yellow Shift HRZ(Front)	0	dot	R&W	Write all conlig
	Magenta Shift HRZ(Front)	0	dot	R&W	
	Cyan Shift HRZ(Front)	0	dot	R&W 🗸	Restore All
	<			>	
ntroduction:	Imported File				Import Config
Film VTC Print Pos:				^	Export Config
Adjust the offset of the film perpendicular to the card's	's 1st transfer print position. T moving direction.(-10 ~ 10)	he direction of	adjustment is		
					Evit

18) Click on another line to set your change for that parameter.



Once all are placed back in, click on the Write button to store them to memory. The Printer will do a Power recycle and then ready to use once the Printer is back in a Ready State.