

Upgrade your DOGA Hybrid Controller HDC-30i HDC-35i HDC-40i

INSTRUCTIONS MANUAL

IMPORTANT



The tool delivered with this manual may been modified for specific needs.

In that case, please give us the tool code number written on our shipping note or the appoximate tool delivery date when you will place an order for a new similar tool or for spare parts. In that way, you will be sure to get the required and/or spare part.

WARNING



This information has to be kept in a location known by all users.

Each operator has to read carrefully this manual before installing, using, and mending the product.

Be sure that the operator has understood using recommendations and the meaning of signs put on the product.

Most accidents could be avoided respecting this Manual Instructions. As a matter of fact, they were created according to European laws and norms regarding products.

In each case, please respect and follow safety national norms. Do not take off nor damage the stickers or advise put on the product and above all the details imposed by the law.

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I. Necessary equipment :

- Computer,
- USB Cable provided with your HDC-40i,

- last version of firmware + software to upgrade it (you can download them at http://www.doga.fr/download2/hybrid_en.php)

II. Emulation driver software install:

1. After downloading the "HDC40i-Upgrade" archive, unzip it and copy/paste the extracted file directly on your C:\drive



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2. Launch the application "SetupCSSPlatinium_v30118" (follow the steps of the installation by clicking next and install).



III. Upgrade process :

- 1. Connect the USB cable to the USB ports at the back of your HDC-40i and on your computer.
- 2. Put the switch at the back of the HDC-40i controller on "Upgrade" position. The HDC-40i is turned OFF.



3 Turn ON the power of the controller.

The controller will not be booted - There will be no display.

4. Go back and open the "HDC40i_Flash_Serial" file. Launch the application "SDFlash"

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💻 Bureau		Nom	Modifié le	Type Tail
Emplacements récents		Adobe Acrobat Document (1)		
🐌 Téléchargements		Addber Actional Potentiale v2.0	17/04/2015 00/27	A shake in A size lands TV ///
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宁 comm (\\neptune) (Z:)		F2808ScrialFlash.out	27/04/2015 09:27	Fichier OUT
		HDC v1.0E 280x.out	27/04/2015 09:27	Fichier OUT
🛛 Réseau		HDCi_V2.60.2_141113_Release.out	27/04/2015 09:52	Fichier OUT

5. Go to "File", "Open Project". Browse and select the "F2808SerialFlash.sdp" file.

<u>R</u> egarder dans :	HDC40i_Flash_Serial	🛨 🗢 🖻 📑	•	
Nom	*	Modifié le	Туре	8
闄 SDFlash		5/11/2012 11:13 AM	Dossier de fichiers	
🛓 F2808SerialFla	sh.sdp	11/23/2012 10:50	VLC media file (.s	
4	III			
∢ [111 F2808SerialFlash.sdp		 Ouvrir	•

6. Go to "Project", "Settings".

Processor: GENERIC	ng venny
Driver: C:\HDC40:_Rash_Serial\F Emulator:	280xRS232Flash.dll
SERIAL_FLASH	C1
Board File:	- 30,
C:\HDC40i_Flash_Serial\c	cBrd028x.dat
Processor Name: Cour 0	
rioceasor name. [cpu_u	

7. On the "Target Tab" browse to find the correct driver : F280xRS232Flash.dll

Regarder dans : A HDC40i_Hash_Serial		•	
Nom	Modifié le	Туре	104
🌡 SDFlash	5/11/2012 11:13 AM	Dossier de fichiers	
ccBrd028x.dat	4/5/2002 11:00 AM	Fichier DAT	
F28xxPasswordMF.out	5/30/2007 11:53 AM	Fichier OUT	
F280xRS232Flash.dll	9/1/2005 1:15 PM	Extension de l'app.	
F2808SerialFlash.out	5/30/2007 11:49 AM	Fichier OUT	
📥 F2808SerialFlash.sdp	11/23/2012 10:50	VLC media file (.s	
HDC_v1.0E_280x.out	11/21/2008 11:02	Fichier OUT	
SDFlash.exe	4/6/2005 11:07 AM	Application	-
SDFlash_Serial_RefGuide_v3_0.pdf	9/2/2005 1:45 PM	Adobe Acrobat D	
			F
om du fichier : F280xRS232Flash.dll		Quvri	1

8. Select the port com you are connected with.

Processor: GENERIC		
Driver:		
C:\HDC40i_Flash_Serial\F280	RS232Flash.dll	()
Emulator:	Emulator Address/Id:	
SERIAL_FLASH	C1	
Board File:	512 513	•
C:\HDC40i_Flash_Serial\ccBro	1028x C2	
	C3	+
-	a tobs in the	

9. Browse and select the "Board File": ccBrd028x.dat

Regarder dans :	HDC40i_Flash_Serial	🛨 🗢 🖻 🖶	•	
Nom	^	Modifié le	Туре	8
🍶 SDFlash		5/11/2012 11:13 AM	Dossier de fichie	rs
ccBrd028x.dat		4/5/2002 11:00 AM	Fichier DAT	
	m			,
x	Contra Contra			- G - 1
∢	cBrd028x.dat		<u>O</u> L	IVNL

10. Go to the "Programming" tab.

NOTE : go in the "downloads" file of your system and copy/paste in the "HDC40i_Flash_Serial" file on the (C:) repertory the .out file corresponding to the last firmware version mentioned in the necessary equipment.

11. Browse and select the "Flash data file": HDCi_VX.XX.X_XXXX.out where VX.XX.X_XXXXX correspond to the last latest version of firmware.

D_EMU_CONTROLLER_INFO		? ×		
arget Erase Programming Verify	1			
Algorithm File:				
C:\HDC40i_Flash_Serial\F2808SerialF	lash.out			
Flash Data File:				
C:\HDC40i Flash Serial\HDCi V2.67.	0 170221 Rele	ase out		
Timeout: 0				
User Options 1: 0	So Open			
User Options 2: 0	Look in:	HDC40 Flash Serial	• <u>+</u> • • •	
User Options 3: 0				
User Options 4	Name		Date modified	Туре
	ccBrd02	8x.dat	11/09/2018 17:28	DAT File
	F28xxPa	asswordMF.out	11/09/2018 17:28	Wireshark cap
ОК	F280xR5	232Flash.dll	11/09/2018 17:28	Application ex
	📑 F2808Se	rialFlash.out	11/09/2018 17:28	Wireshark cap
	📥 F2808Se	rialFlash.sdp	05/02/2024 15:10	SDP Other File
	HDC_v1	.0E_280x.out	11/09/2018 17:28	Wireshark cap
	HDCi V	2.67.0 170221 Release.out	28/06/2023 17:29	Wireshark cap
	So SDFlash	.exe	11/09/2018 17:28	Application
	G SDFlash	Serial RefGuide v3 0.pdf	11/09/2018 17:28	PDF File
		·	11/00/0010 17 00	
				and the second se
	File name:	HDCi_V2.67.0_170221_Release.or	ut	Open

12. Go to the "Erase" tab.

SD_EMU	J_CONTI	ROLLER_	INFO		?	×
Target	Erase	Program	ming Verif	ý		
Algorit	hm File:	ash Seria		al Bash out		- 1
Timeo	ut: 0	000f	_			
User C	Options 2:	0099				
User (Options 3:	3				
User (Options 4	500				
			ок	Cancel		Help

13. Click on "OK".

14. Then, click on the ""Flash" button: 🛍

Click "Start" on the pop-up window.

Flash

✓ Erase	✓ Program	✓ Verify
- 1		

Then flash process start.

	Flash			
	I⊄ Erate	Program	I⊽ Verity	
	Start	Stop	Close	
G: Interface version 1 G: Connecting to target				

11

The dialog box shows the information about the following process :

×	MSG: Interface version 1 MSG: Connecting to target	^	
	MSG: Connected to target MSG: Erase flash succeeded. MSG: Program flash succeeded. MSG: Verify flash succeeded.		
	<	>	
	Programming Flash / Loader /		

15. After a minute, you will see in the bottom part of the window that the "verify flash succeeded".

- 16. Close the "SDFlash" software.
- 17. Turn OFF the HDC-40i. Put the switch at the back of the HDC-40i controller on "Monitor" position

Screwdriver controller : HDC- 40i V. 3. 1 120/230V~ 50/60Hz 0.5A t : DC40V= 120W ssure:5 - 6.5 bar 0 C	Upgrade Monitor	T
	Septimore	

18. Unplug it from the computer.

19. Turn ON the HDC-40i and check that the last version is now installed. (P169)





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