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TECHNOTE [50/2014]

DATE: Dec 11, 2014 AUTHOR: cardPresso TECHNICAL SUPPORT PRODUCT/AREA: Encoding

Subject: Change Duali De-ABCM to work in PC&CS mode

In order to use Mifare PC/SC Command on a Duali encoder, the encoder should have a minimum firmware version: "DE-ABCM_BIOS_120130".

- 1- Open **DEDOWNLOADER.exe** application that can be downloaded from <u>here</u>.
- 2- Select the language.
- 3- Check the box PCSC Mode, and will appear DUALI DE-ABCM LARGE 0.

C DEDOWNLOADER V5.3	(131128)		
Device List 🚺 Baud 1	UALI DE-ABCM LARGE	0 Refres	✓ PCSC Mode th Connect
Reader Type	Reader Versio	in	
F/W File Open			
Bios File Open			
F/W File Down	Bios File Down	Configuration	Data Size 🛛 💌
]			





4- Be sure that you have a card on the reader and Click **Connect**. Now you will have the information of **Reader Type** and **Reader Version**.

ST DEDOWNLOADER V5.3	3 (131128)		
Device List T Baud	DUALI DE-ABCM LARGE	0 Refres	▼ ▼ PCSC Mode sh Diconnect
Reader Type CCID Ty	/pe Reader Versio	n DE-ABCM_L_140709_	
F/W File Open			
Bios File Open			
F/W File Down	Bios File Down	Configuration	Data Size 128 💌





5- Now click **F/W File Open.** Be sure that you have the file **DE-ABCM_L_140709_idp_ccid.bin** on your computer, select it and click **Open**.

🛷 Open		· · · · ·		×
✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓				
Organize 🔻 New folder				:= - 1 🔞
☆ Favorites Name	Date modified	Туре	Size	
DE-ABCM_L_140709_idp_ccid.bin	31-10-2014 11:14	BIN File	102 KB	
U Downloads				
Coogle Drive				
Carl Libraries E				
👌 Music				
Pictures				
Videos				
🔞 Homegroup				
Computer				
Local Disk (C:)				
🚗 2TB (D:)				
File name:				
			Оре	en 🔽 Cancel

6- Next click on **F/W File Down**.

CEDOWNLOADER V5.3	3 (131128)	-	
Device List [] Baud []	DUALI DE-ABCM LARGE	0 Refre:	PCSC Mode Diconnect
F/W File Open	C:\Users\rpaulino\	n DE-ABCM_L_140709_ Desktop₩DUALI₩DE-AB	CM_L_140709_idp_ccid\DE-A
Bios File Open			
FAW File Down	Bios File Down	Configuration	Data Size 🛛 🛨



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7- When you click **DEDOWNLOADER**, should start to change mode for downloading.

CEDOWNLOADER V5.3	3 (131128)	-		
Device List DUALI DE-ABCM COMBI 0 🔽 🔽 PCSC Mode				
Baud	115200 💌	Refres	sh Dico	nnect
Reader Type CCID Type Reader Version DE-ABCM_BIOS_120130				
F/W File Open C:\Users\Users\Upesktop\DUALI\UperbUALI\Up				
Bios File Open				
F/W File Down	Bios File Down	Configuration	Data Size	128 💌
Change mode for downloading f/w Start Version : DE-ABCM_BIOS_120130 Download start,,				
				8480/19600

8- When it finish, click in Configuration, verify if and click Change Language.



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9- The window must change all language like the image below:

Z DEDOWNLOADER V5.	3 (131128)			
′Ü,»±â,® <u>≠</u> ºÆ®	DUALI DE-ABCM LARGE	0	▼ PCSC Mode	
Baud [115200 💌	Ü,»±â rù%	ðË≫ö ¿¬°áÇĨ±â	
ſÜ,»±â Áĝ∙ù CCID T	ype ′Ü,»±â¹öÅü	DE-ABCM_L_140709_	CCID_IDP	
FAW ÆÄÀÏ ¿-±â	C:₩Users₩rpaulino₩D	esktop₩DUALI₩DE-AB	CM_L_140709_idp_ccid₩DE-A	
Bios ÆÄÀÏ ¿-±â				
FM ÆÄÀÏ ¾÷µ¥ÀÌÆ®	Bios ÆÄÀÏ ¾÷µ¥ÀÌÆ®	143Á¤	µ¥ÀỉÂ1 ©±â 128 ▼	
Change mode for downloading f/w Start Version : DE-ABCM_BIOS_120130 Download start, Download End Tranmit, Download OK : DE-ABCM_L_140709_CCID_IDP				
			19600/19600	

Note: If when you are start to change mode for downloading and windows start's to use the windows update for the driver, let it finish the update and do this steps again.