DVNX Upgrade to Firmware Version 2.2.2

IMPORTANT! 2.2.2 Firmware is ONLY for DVNX units. If you have a DV2T or DV3T please download the appropriate firmware.

These are instructions for upgrading to DVNX Firmware Version 2.2.2.

Check Firmware Version.

Download Firmware Version 2.2.2 and run the executable file.

Depending on the browser you are using and your security settings, you may get a few warning screens about downloading exe files from the internet. You should save the file to your computer (usually it defaults to a downloads directory, this is fine). After you have downloaded the file, you will be prompted to run, go ahead, and run it from the browser.

The following image is an example of what you might see if you are running Microsoft Edge: See red circle.



Note: if you are running Chrome, Firefox, or Explorer, you will see different warnings. <u>See Other</u> <u>Warnings</u>.

Have a USB stick handy, you will need it for the next few steps. Plug your USB stick into your computer and click yes: See red circle.



Click Next to continue: See red circle.

DVNX Firmware Upgrade 2.2.2	1		\times
	Version 2.2.2.4 of the DVNX Fir released.	mware has been	^
	Make sure you have a USB stic need it for the upgrade.	k handy as you will	
	When prompted save directly to	a USB stick.	
	A folder called FW_2_2_2_4_St your USB.	andard will be saved to	
DVNX	Files included in this upgrade p README.txt DVplus_2_2_2_4.fwu DVNX_ONLY_2_2_2_4_S.txt chinese_2_2_2.eft japanese_2_2_2.eft chinese_2_2_2.lng french_2_2_2.lng german_2_2_2.lng japanese_2_2_2.lng	ackage: Instructions. Upgrade file Manifest Chinese font Japanese font Chinese language French language German language Japanese language	~
	< Back	Next > Cancel	

Click Yes to acknowledge you have read the license agreement: See red circle.



Click Next to continue: See red circle.

DVNX Firmware Upgrade 2.2.2	×
Readme Information Please read the following important information:	BROOKFIELD AMETEK
Brookfield DVNX release notes for firmware version 2.2.2	== ^
Updates for 2.2.2 1. Support for Dymo 550 series 2. Support for customer data mode 3. Acceleration/deceleration rate update 4. Language Fixes	
 Known issues in 2.2.2 1. Temperature controller needs to be toggled with test connection before it will connect reliably. a. Work around: Use "Test Connection" if using temperatur controller to ensure it works. 2. A multi-step test that has speed changes between steps will show the statement of th	e ow ✓
DVNX Firmware Archive < Back Next >	Cancel

Click Browse: See red circle.

DVNX Firmware Upgrade 2.2.2		\times
Destination Folder for Files Please select the destination folder where the p	ackage should extract the files:	BROOKFIELD
Please select the destination folder:		
C:\Users\ktopham\Documents		Browse
DVNX Firmware Archive	< Back Next >	Cancel

Choose top level of USB stick to save the files. Click OK: See red circles.

Browse For Folder	\times
Please select the destination folder:	
> 🏪 Local Disk (C;)	~
🗸 🔜 USB Drive (D:)	
> ctxapp_130	
devlog	
> DV_Sim_1_4_0	
DV_Sim_2_1_6	
> DV1	~
Make New Folder OK Cancel	

Click Next to extract: See red circle.

DVNX Firmware Upgrade 2.2.2	\times
Destination Folder for Files Please select the destination folder where the package should extract the files:	BROOKFIELD
Please select the destination folder:	
D:\	Browse
DVNX Firmware Archive < Back Next >	Cancel

Wait f	for files	to be	extracted	to	vour	USB	stick.
· · · · · ·			viiti actea	•••	Juan		DUICIN

DVNX Firmware Upgrade 2.2.2			×
Unpacking Files Please wait while the package files are being extr	racted onto your	computer	PPOOVEIELD
	acted onto your	computer	
Extracting FW_2_2_2_4_Standard/DVplus_2_2_2_4	l.fwu		
DVNX Firmware Archive	< Back	Next >	Cancel

Click Next to continue: See red circle.

DVNX Firmware Upgrade 2.2.2	\times
Readme Information Please read the following important information:	BROOKFIELD
======================================	^
Check your DVNX firmware version:	
From the main menu, touch on the Settings Icon (top right). Choose "Device Setup" and then "About".	
IMPORTANT! If Firmware is lower than 2.0.0, you CANNOT upgrade to 2.2.2. Please download the latest DV2T/DV3T firmware instead.	
If you have Firmware 2.0.0 or higher, follow the below directions.	
Upgrading DVNX Firmware	~
DVNX Firmware Archive < Back Next >	Cancel

Click OK to complete the extraction process: See red circle.



Plug your USB stick into the back of the DVNX instrument: See red/pink circle.



Touch the Settings Icon: See red circle. An example is shown here on the top right of the Configure Viscosity Test screen.

1 2 1:4 1 PM	11/09/20 🔬			
Configure Viscosity Test Q				
Unsave	ed Test			
Step 1 of 1 🕂	Torque 6.1%			
Spindle HB-02 (2) 🔰	Speed			
Accessory None 🔰	20.0 грм 🔰			
Temperature Live 23.0 °C Set 25.0 °C	End Condition 00:00:10			
Multi Point 00:00:01	Sample ID 🕕 🔰			
More	≘			

Touch Admin Functions: See red circle.

	1:23 PM	06/26/15	
\bigcirc	Sett	ings	
Device Setup			>
User Settings			>
Global Settings			>
Admin Function	ns		

Touch Update Software: See red circle.

1 2 1:35 PM 11/09/20	
Admin Functions	
Log In and Lock Out	>
Electronic Signatures	>
Users and Access	>
Manage Settings	>
Manage Data	>
Update Software	

IMPORTANT! 2.2.2 Firmware is ONLY for DVNX units. If you have a DV2T or DV3T please download the appropriate firmware.

Touch the USB folder that has the upgrade files: See red circle.



Touch DVNX_ONLY_2_2_4_S.txt: See red circle.



Touch OK: See red circle.



Wait for the upgrade to complete. This may take a while.

Do not unplug the USB or turn off the instrument!



Click OK. Reboot instrument.

(Turn off the instrument; wait a couple seconds then turn it back on): See red circle.



Check Firmware Version

Touch the Settings Icon: see red circle. An example is shown here on the top right of the Configure Viscosity Test screen.

1 2 3 1:21 PM	06/26/15 🧏			
Configure Viscosity Test				
Unsave	ed Test			
Step 1 of 2 🔰	Torque 6.2 %			
Spindle	Speed			
CP-41(41) 🔰	8.0 rpm 🔰			
Temperature	End Condition			
Live 24.0 °C Set 25.0 °C	00:00: 10 🔰			

Touch Device Setup: see red circle.



Touch About: see red circle.

1:53 PM 06/2	26/ 15 🔬
C Device Set	tup 🙆
Temperature	>
Printer Setup	>
Auto Zero	>
Oscillation Check	>
Technical Support Info	>
About	

Take note of which Firmware Version your instrument is running. See red circle.



Return to Instructions

Warnings and Pop-up Messages

Microsoft Edge

An example of what you might see if you are running Microsoft Edge: See red circle.



Chrome An example of what you might see if you are running Chrome: See red circles.

This type of file can harm y Do you want to keep DVNX	our computer. (222.exe anyway? Keep Discard
	Open
	Always open files of this type
	Show in folder
	Cancel
DVNX222.exe	~

Firefox An example of what you might see if you are running Firefox: See red circles.

Opening DVNX222.exe	×
You have chosen to open:	
DVNX222.exe	
which is: exe File (8.6 MB)	
from: C:\Users\ktopham\Desktop\DVT\web_new\	
Would you like to save this file?	
Save File Cancel	

🍅 Enter name of file	to save to			×	
← → ~ ↑ 🕇	> This PC > Downloads	~	ට 🔎 Search I	Downloads	
Organize 🔻 Ne	w folder			EE 🗸 😲	
✓	Name	Date modified Type Solution Type			
Downloads	*				
File name:	DVNX222.exe			~	
Save as type:	exe File (*.exe)			~	
∧ Hide Folders			Save	Cancel	
			- 6	1 ×	



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