

FINGERPRINT READER SETUP FOR ELO AIO WITH WINDOWS 10   TB000007	REV. D
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# **Executive Summary**

This technical bulletin describes how to install and setup the Crossmatch/Digital Persona Fingerprint Reader that is sold by Elo for our AIO Touch computers and touch monitors, Elo P/N: E001001. This procedure is compatible with Windows 7, 8, 8.1, and 10.

# Software needed

UareUWin220\_20121112.414.zip: <u>https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EUetQ0OOXStOqDMadnuTJR8BTe\_KY</u> <u>Jt71xYJHN9WUbciQQ?e=mZ6hJ1</u> (url valid at the time of this writing)

## **Procedure**

 After connecting the FPR to the AIO or Monitor, it will be listed as an "Unknown Device" in Windows Device Manager – this is normal, it will not be recognized until the software is installed.



2. Unzip all the contents of *UareUWin220\_20121112.414.zip* to a location on your computer.

## 3. Open the *release* folder.

« Peri	pherals > FPR > UareUWin220_20121112.414	<b>∨ ບ</b> Se	arch UareUWin220_20121	11 🖌
^	Name ^	Date modified	Туре	Size
	📔 FingerprintDemo	1/22/2019 11:33 AM	File folder	
•	✓ ] release	1/22/2019 11:35 AM	File folder	
•	BuildLog	11/13/2012 9:22 AM	Text Document	
	Ø ReleaseNotes	11/13/2012 9:22 AM	HTML Document	

## 4. Open the SDK folder.

Peripherals > FPR > UareUWin220_20121112.	414 > release v ひ Se	arch release	٩
^ □ Name ^	Date modified	Туре	Size
Docs	1/22/2019 11:34 AM	File folder	
Redist	1/22/2019 11:34 AM	File folder	
📜 RTE	1/22/2019 11:34 AM	File folder	
SDK	1/22/2019 11:35 AM	File folder	
PD8s	11/13/2012 9:22 AM	Compressed (zipped)	



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5. Choose the appropriate folder for your computer, either x64 or x32. The examples in this procedure will be for *64-bit* computers.

FP	R > UareUWin220_20121112.414 > release > SDK	<b>∨ ບ</b> Se	arch SDK	Q
^	Name ^	Date modified	Туре	Size
	✓ ▲ x64	1/22/2019 11:35 AM	File folder	
	📜 x86	1/22/2019 11:35 AM	File folder	

#### 6. Double click the *Setup.exe* icon to begin installation.

FPR	>	UareUWin220	_20121112.414	> rele	ease	>	SDK	>	x64	~	U	Sea	rch x64	,
^		Name	^					~	Date	modified	ł		Туре	Size
		🛛 🕵 setup							11/13	3/2012 9	:20 A	М	Windows Installer Pa	20,

#### 7. Choose *Next* to allow the software to install.

🕵 DigitalPersona U.are.U S	DK - InstallShield Wizard	×
3	Welcome to the InstallShield Wiza DigitalPersona U.are.U SDK	ird for
	The InstallShield(R) Wizard will install DigitalPer on your computer. To continue, dick Next.	sona U.are.U SDK
	WARNING: This program is protected by copyrig international treaties.	yht law and
	< Back Next >	Cancel

8. Accept the license agreement and choose Next.





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9. Choose *Next* to allow the software to be installed in the default folder.

Destinat	on Folder			
Click Ne	xt to install to this folder, or dick C	hange to install to	a different folder.	C
P	Install DigitalPersona U.are.U SD	K to:		
	C:\Program Files\DigitalPersona\	۲.		Change
istallShield				

10. Choose *Install* to begin installation or Back to go back and make changes.



11. Software will begin installing. It only takes a minute or less to complete.





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12. When the software has completed installing you will be presented with the *InstallShield Wizard Complete* message. Choose *Finish* to complete the installation.



13. Choose Yes to allow the computer to restart.

You must restart your sy	stem for the configuration	
changes made to Digital	Persona U.are.U SDK to take	etart
later.	t now of no if you plan to re	start

- 14. After restarting, you will notice the FPR is now lit up (it may be red or blue).
  - a. The Windows Device Manager will also be showing the FPR as a recognized *Biometric Device*.



15. If you already have Fingerprint Reader software on your computer, you can stop at this point and integrate with it. If you want to test the FPR, continue following this procedure.



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## 16. Open the *FingerprintDemo* folder that is in the *UareUWin220\_20121112.414* folder.

Uar	eUWin	220_20121112.414		- 0	×
:	Share	View			~ ?
N 🔳	« Pe	ripherals > FPR > UareUWin220_20121112.414	v U	Search UareUWin220_2012	2111 <b>P</b>
ess	^	Name ^	Date modified	Туре	Size
ads	*	🗹 📜 FingerprintDemo	1/22/2019 11:33 AM	File folder	
nts	*	release	1/22/2019 11:35 AM	File folder	
	*	BuildLog	11/13/2012 9:22 AM	Text Document	2,9
probe		Ø ReleaseNotes	11/13/2012 9:22 AM	HTML Document	

17. Choose the appropriate folder for your computer, either x64 or x32. The examples in this procedure will be for *64-bit* computers.

i¢.	FPR > UareUWin220_20121112.414 > Fingerpr	rintDemo v 🖸 Search Fingerprint	Demo 🔎
1	▲ Name	Date modified Type	Size
·	✓	1/22/2019 11:33 AM File folder	
·	📕 x86	1/22/2019 11:34 AM File folder	

#### 18. Double click the Setup.exe to begin the installation.

	111220_20121112.414	FingerprintDemo > x64	4	✓ U Se	arch x64	Q
^ [	Name	^	~	Date modified	Туре	Size
[	🗹 👘 setup			11/13/2012 9:22 AM	Windows Installer Pa	15,

19. Choose *Next* to begin the installation of the FingerPrintDemo.

🕵 DigitalPersona Fingerprint Der	no - InstallShield Wizard X
さ	Welcome to the InstallShield Wizard for DigitalPersona Fingerprint Demo
N.	The InstallShield(R) Wizard will install DigitalPersona Fingerprint Demo on your computer. To continue, dick Next.
	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel



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20. Accept the license agreement and choose *Next* to continue with installation.



21. Choose *Next* to allow the software to be installed in the default folder.



22. Choose *Install* to begin installation or Back to go back and make changes.





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23. Software will begin installing. It only takes a minute or less to complete.



24. Choose *Finish* to launch the *DigitalPersona Fingerprint Demo*.

	InstallShield Wizard Completed
0	The InstallShield Wizard has successfully installed DigitalPersona Fingerprint Demo. Click Finish to exit the wizard.
	🖌 Launch DigitalPersona Fingerprint Demo
	A connected DigitalPersona reader is required,

25. Enter the name of your choice and select **CONTINUE**.

digitalPersona.	Security, with the simple touch of a finger.
First, we'll enro	oll you and create your user data record.*
	Please enter your first name and press CONTINUE.
*Remember, v	we don't save fingerprints and all biometric data



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26. Follow the prompts on the screen by touching the FPR four times to enroll.







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27. Once you have touched the FPR four times and your fingerprints are recognized, you will receive a *Congratulations, you have successfully enrolled!* message.



28. Touch the FPR with your finger one last time and the process will be complete. Press *Finish* to exit.



**NOTE:** If you need Fingerprint programing development or SDK's to develop your own Fingerprint recognition program, please visit the Crossmatch/Digital Persona website: <u>https://www.crossmatch.com/digitalpersona/</u>