

X-PHY®

User Application Guide

Windows

User Guide

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Step 1: Install the application

- Install the Windows Application downloading from the following link:



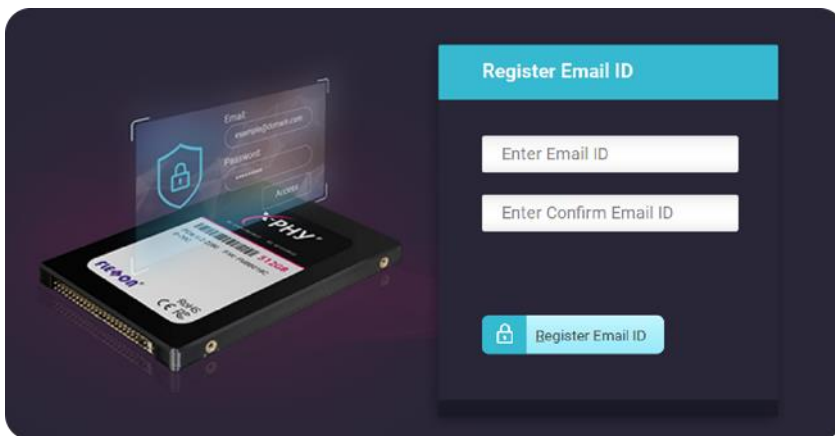
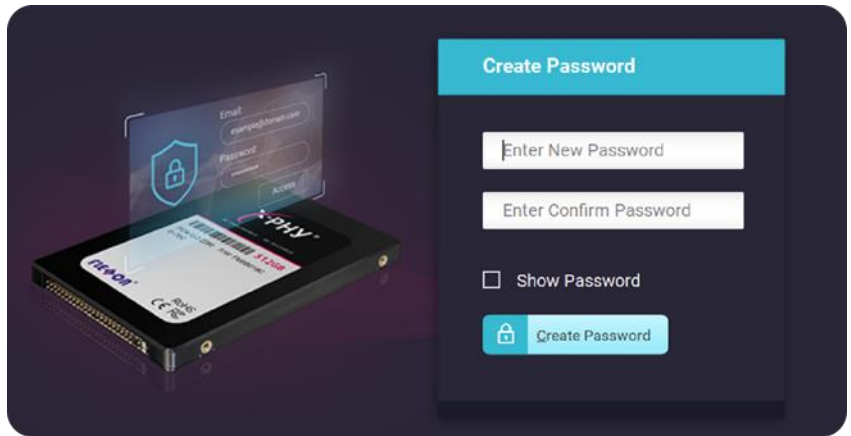
https://xphyapp.flexxonsolutions.com/apps/X-PHY_UserApplication.exe

Step 2: Registration and login

2.1

Create Password

The “Create Password” page will be visible. Key in the password, and click on the “Create Password” button. The password for the X-PHY® SSD will be created.



2.2

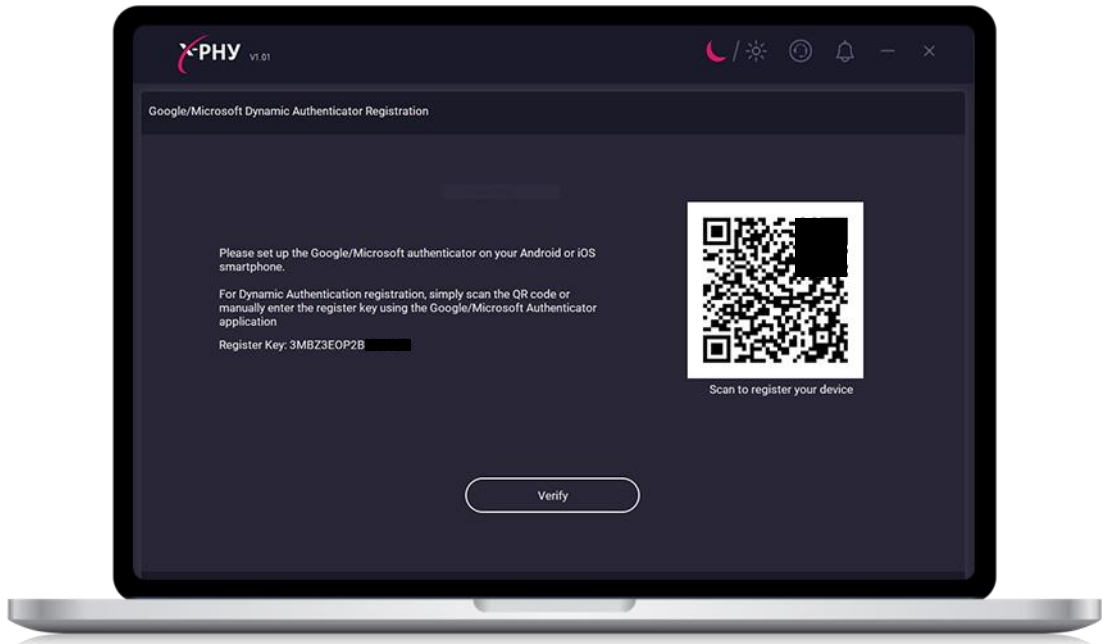
Register Email ID

The “Register Email ID” page will appear. Type your email ID, and click on the “Register Email ID” button to register the X-PHY® device.

2.3 Dynamic Authenticator Registration

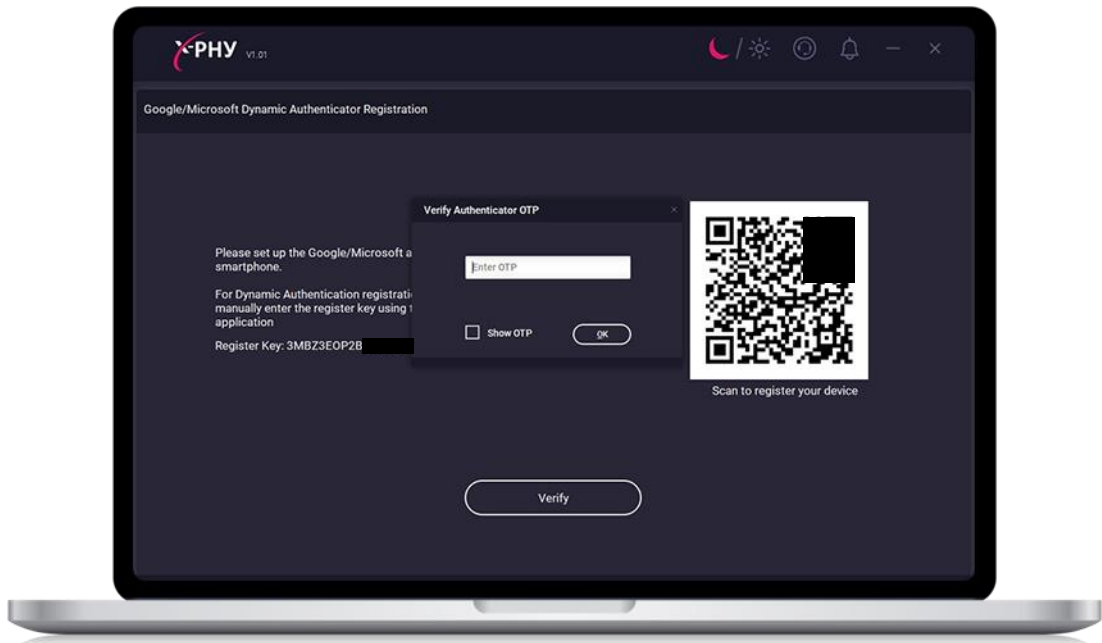
Open the X-PHY® application tool icon on the desktop and the “Google/Microsoft Dynamic Authenticator Registration” page will appear.

Install the Google/Microsoft Authenticator on your Android/IOS smartphone. Simply scanning the QR code or manually key in the Register Key using Google/Microsoft Authenticator app for registration.

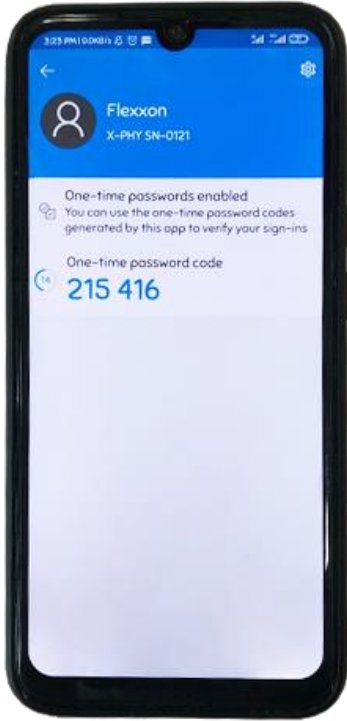


IMPORTANT NOTE: Please keep the Register Key at a safe place. You need to use this key to register this X-PHY® SSD when you switch to new smartphone for OTP authentication.

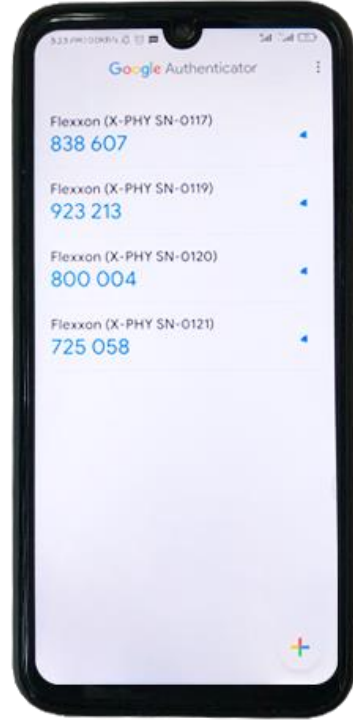
Click on "Verify", a window request to enter OTP will show up. Key in OTP generated from Google/Microsoft Authenticator and click OK.



○ **Google Authenticator on Android smartphone**



○ **Microsoft Authenticator on Android smartphone**



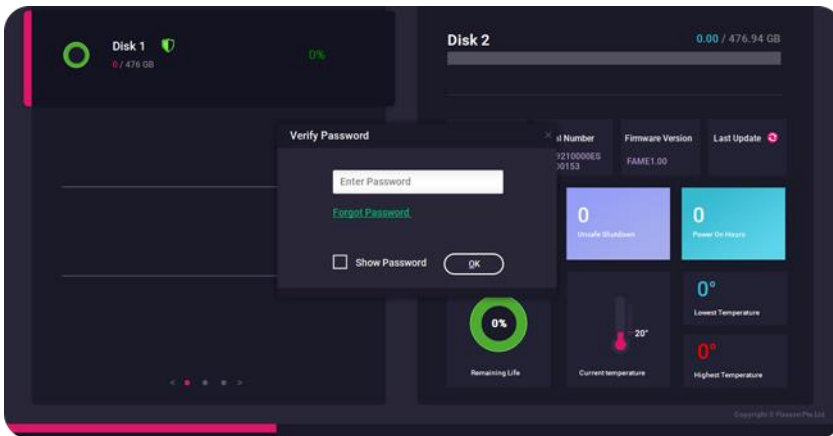
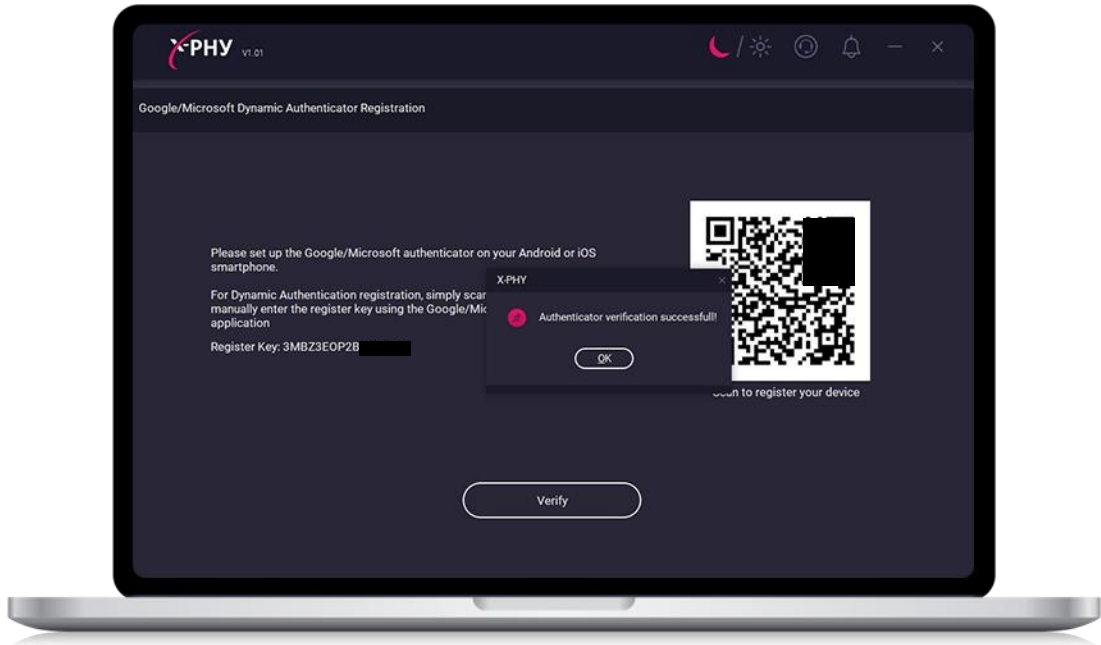
○ **Google Authenticator on Apple smartphone**



○ **Microsoft Authenticator on Apple smartphone**



“Authenticator verification successful” pop-up window will appear when the correct OTP is keyed in.



2.4

Verify Password

A password verification window will pop up. Key in the registered password and click “OK” to access the Dashboard

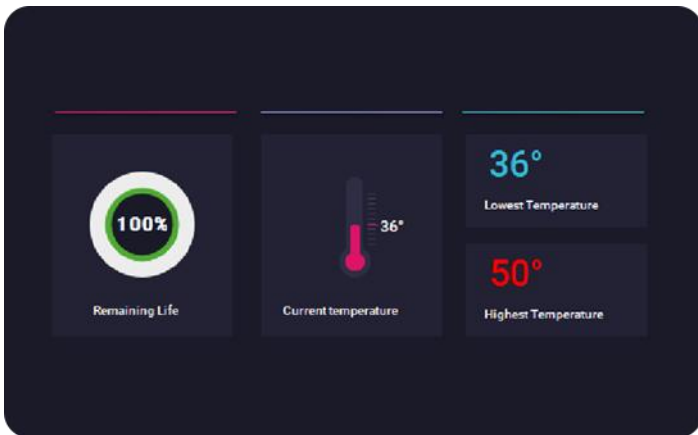
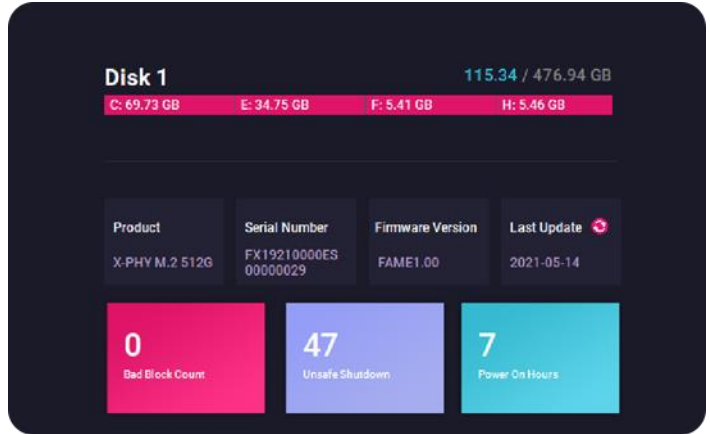
When the password verification is successful, the Dashboard page will be displayed.

Application page guide

Dashboard

1.

The Dashboard has the General disk information, such as number of partitions, free space, used space, product name, serial number, firmware version, last date of the firmware update with an icon, safe and unsafe shutdown count, bad block count, power on hours.



2.

It also includes disk life percentage, current temperature, and recorded lowest and highest temperature.

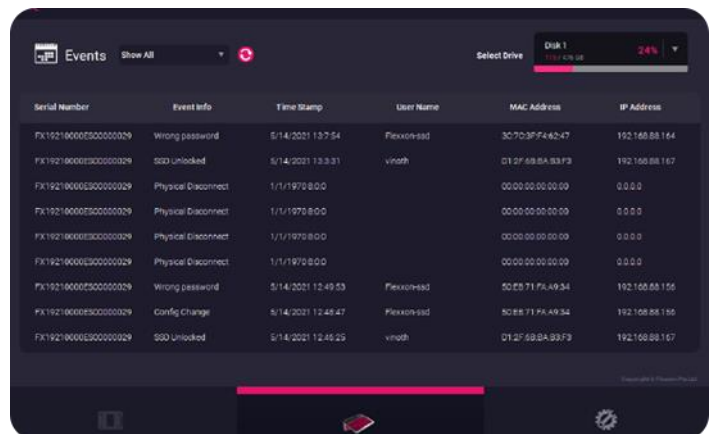
Event

1.

The event page contains the history of events from the X-PHY® SSD for the diagnostic purpose

2.

The event log table contains reasonable information, such as serial number, event info, timestamp, user name, MAC address and IP address.

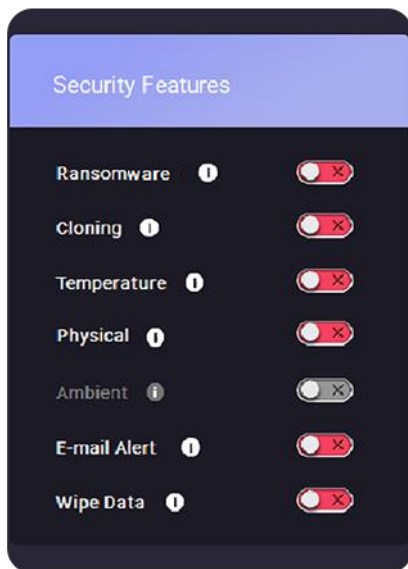
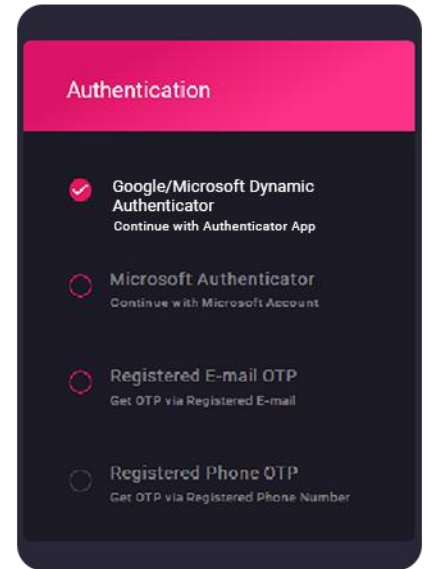


Configuration

The configuration page has three sections: authentication, security features, and general settings.

1 Authentication

- a There are few authentication options. At the moment, we can use Google/Microsoft Dynamic Authenticator to obtain OTP.



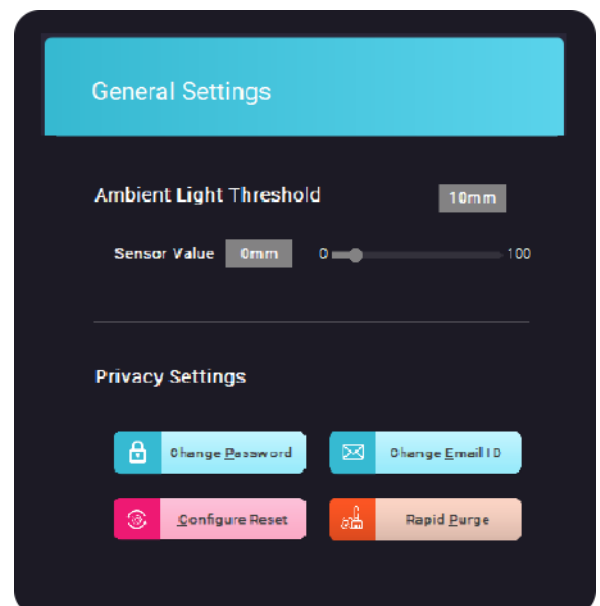
2 Security Features

You can enable the security features of the X-PHY® device from this section:

- a The security features are ransomware, cloning, temperature, physical, ambient, email alert, and wipe data.
- b To successfully enabled/disabled any features, the user needs to click the “Apply” button to save the settings.
- c To complete the process, you need to perform Dynamic Authentication.

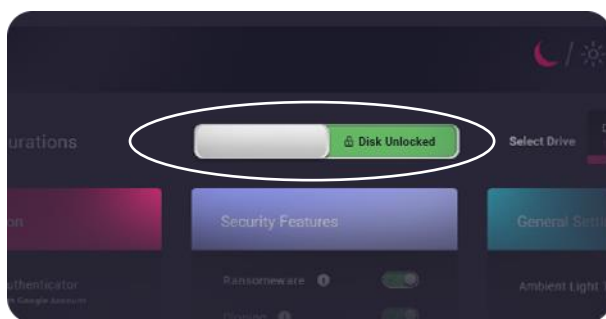
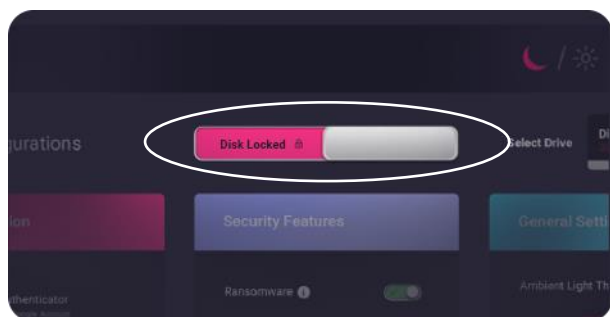
3 General Settings

In this section, you can change the ambient light threshold, privacy settings such as the password or email ID and perform configuration reset or rapid purge. All these changes will require to succeed in Dynamic Authentication.



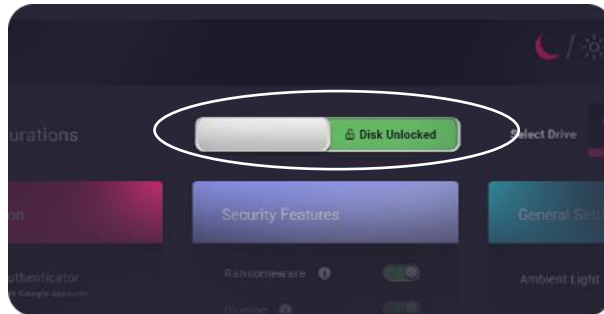
Unlock the locked SSD via secondary drive

- 1 If the SSD is locked due to the attacks by ransomware, clone, temperature or physical disconnections, the SSD can be unlocked by connecting as a secondary drive and run the Windows XPHY User Application Tool.
- 2 The lock state will be “Disk Locked” on the configuration page of the application. Click the same button to unlock the disk.



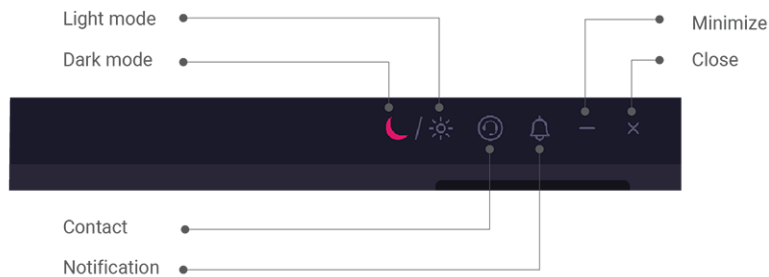
- 3 Once the slider button is clicked, it will go through the Dynamic Authentication to complete the process. User needs to key in the password followed by the OTP verification.

- Once the Dynamic Authentication process is completed, the lock state will now appear as "Disk Unlocked".



General controls

- The application has top panel along with some general controls, such as theme mode (dark & light), contact us, notification, minimize and close.



- The user can switch the theme by clicking the sun and moon icons in the top panel.
- The user can click on the contact us icon in the top panel to get to the Flexxon's contact webpage.
- Notification, minimize and close buttons will be available in the top panel. The close button will hide the application into the system tray. If the user needs to close the application completely, simply go to the system tray -> right click on the XPHY application icon -> click "Close" button.

Learn more about X-PHY®

X-PHY® AI Embedded Cyber Secure SSD | The Last Line of Defense



x-phy.com



[+65-6493 5035](tel:+6564935035)



flexxon@flexxon.com



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