

# STARPOD User Guide 2.0

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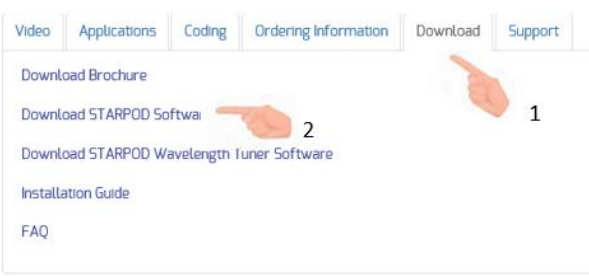
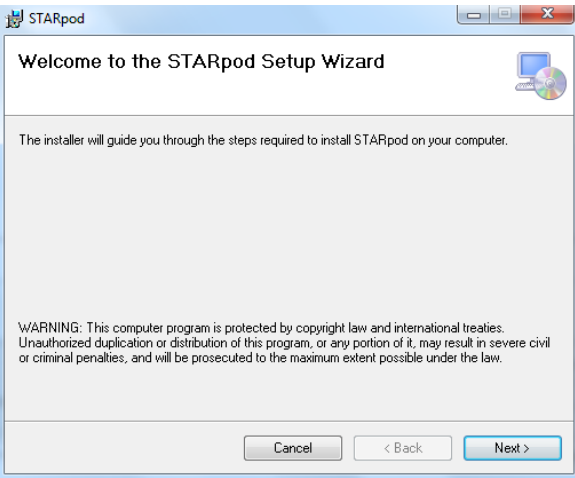
## 1. Introduction

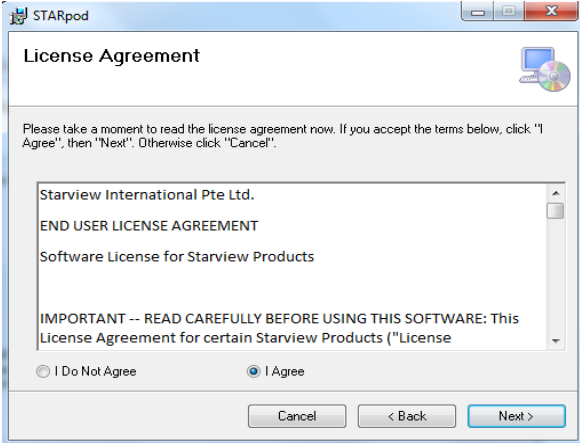
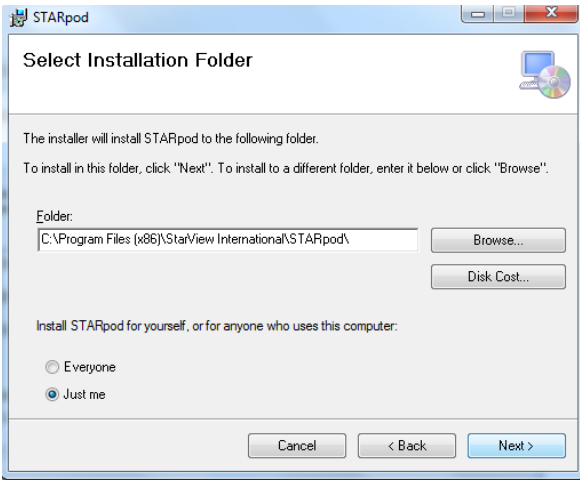
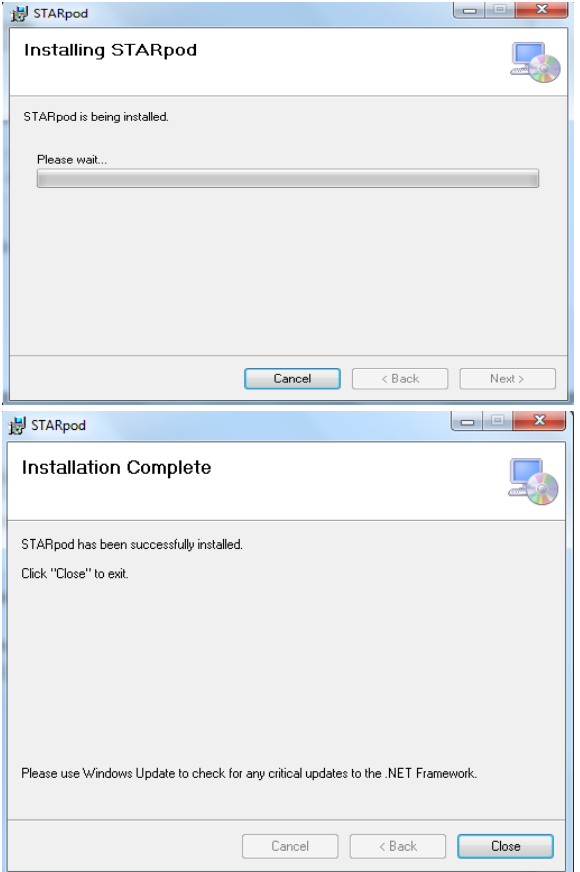
Thank you for using Starview reprogrammable modules.

The Starview Programmable Optical Device (STARPOD) is designed to allow the user to re-program or diagnose Starview transceiver modules (SFP/ SFP+ and XFP) in the field. The STARPOD is also capable to tune DWDM wavelengths on Starview tuneable DWDM SFP+ module. The STARPOD does not require an internet connection for operation once the software is installed.

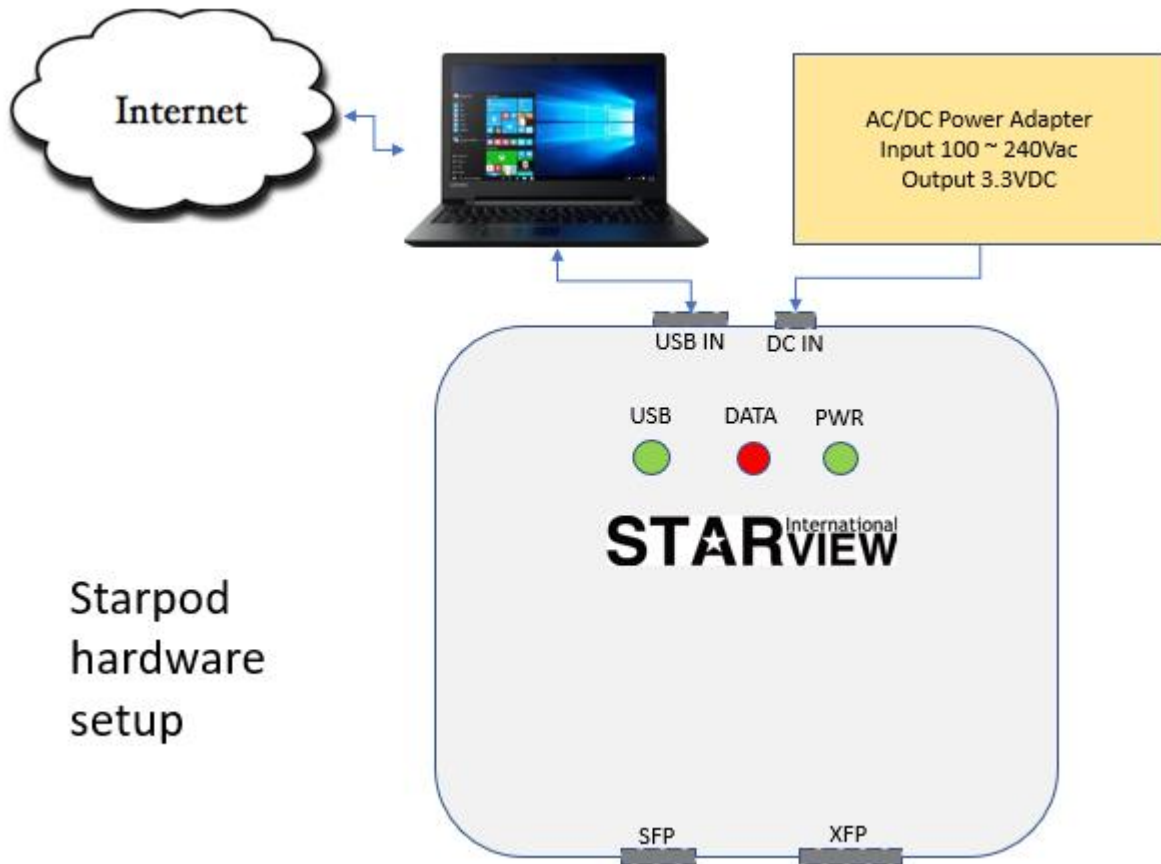
Our website at [www.starviewint.com](http://www.starviewint.com) has more information of STARPOD as well as the latest software to enable the operation of STARPOD.

## 2. Software Download and Installation

Step	Illustration	Description
a.		<ul style="list-style-type: none"> <li>➤ From Starview <a href="http://www.starviewint.com">website</a>, scroll down to bottom page and click Download tab.</li> <li>➤ Click “Download STARPOD Software”.</li> <li>➤ After download, unzip and double click the STARPOD_xxxx_xxxxx.msi to start the software installation program into your PC.</li> </ul>
b.		<ul style="list-style-type: none"> <li>➤ Click Next.</li> </ul>

<p>c.</p>		<p>➤ Select “I Agree” and click “Next”.</p>
<p>d.</p>		<p>➤ Click “Browse” to install the STARPOD program in your desired location or leave it in the default path as displayed. Select “Everyone” or “Just me” and click “Next” to proceed.</p>
<p>e.</p>		<p>➤ The installation of the STARPOD will now begin...</p> <p>➤ Once the Installation is complete, click “Close” to exit.</p>


### 3. Hardware setup



Notes: -

- Ensure that the PC has a valid Internet connection.
- Ensure that the USB LED and PWR LED are lighted (Green light).
- The DATA LED (Red light) will blink during the coding process.

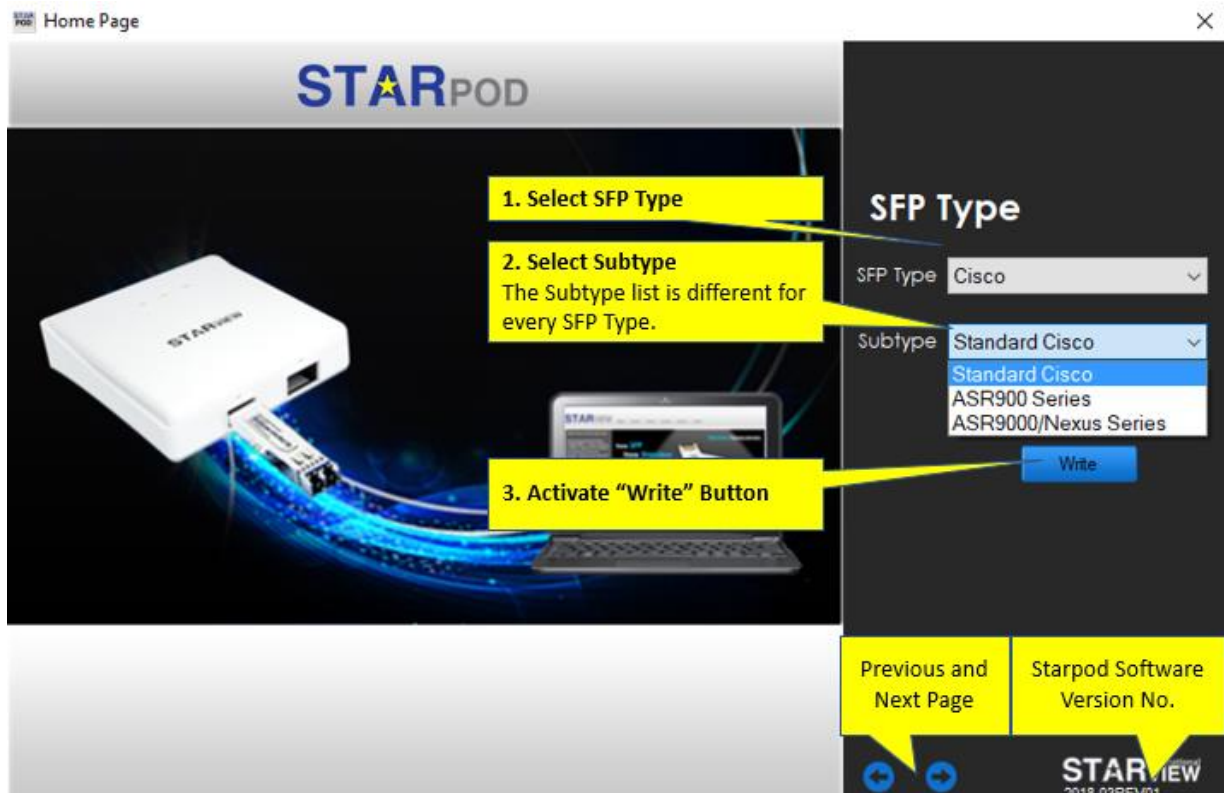
### 4. Launching STARPOD program

In your PC's desktop, double click the STARPOD  icon.

Note: - Some users may encounter an error when launching their STARPOD program for the first time. This is mostly due to additional drivers required. If affected, please download the driver from website [https://www.robot-electronics.co.uk/html/usb\\_iss\\_tech.htm](https://www.robot-electronics.co.uk/html/usb_iss_tech.htm)

## 5. STARPOD Home Page

This intuitive interface allows you to recode Starview SFP/SFP+ modules from its existing coding as shown in the dropdown list.



After selecting the "SFP Type", choose the correct subtype before clicking the "Write" button to start the recoding process.

Notes: -

The list of supported SFP Type and its related Subtype shall be constantly updated to allow more Starview transceivers to be coded so as to support more network switch makers and models.

## 6. License Page

If the desired switch SFP type/subtype is not listed in the STARPOD program “Home Page”, the user may send an email to [support@starviewint.com](mailto:support@starviewint.com) for new coding request.



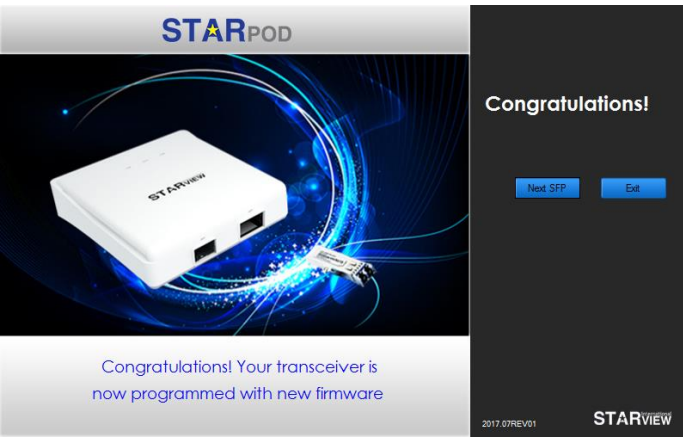
To facilitate manual recoding, one or two licenses may be issued depending on the SFP/SFP+ models and the switch maker/model requested. In this process, internet connection is required.

Notes: -

- License key is not chargeable.
- Allow 3 to 5 business days for decoding of new code.
- The License key is for one-time use and is issued via email.
- Starview reserves the rights to decline coding request.



Step	Illustration	Description
a.		<ul style="list-style-type: none"> <li>➤ Copy and paste Starview issued “License Key”.</li> <li>➤ Click Next.</li> </ul>

<p>b.</p>		<ul style="list-style-type: none"> <li>➤ Click “Proceed” to continue, or “Abort” to exit the programming.</li> </ul> <p>Note: The write process is <b>irreversible</b>. After a successful write, the coding on the transceiver module will be overwritten with the new code.</p>
<p>c.</p>		<ul style="list-style-type: none"> <li>➤ STARPOD coding in progress... The code will now be written into the EEPROM of the transceiver module.</li> <li>➤ Do not remove the transceiver module from the STARPOD until the process is completed.</li> </ul>
<p>d.</p>		<ul style="list-style-type: none"> <li>➤ The programming of the coding into the transceiver EEPROM is now completed and you can start using the transceiver module in your equipment.</li> </ul> <p>Note: - If there is any error shown, please recheck your PC has a working internet connection.</p>

## 7. Diagnostics Page

The STARPOD is capable to read/ send the diagnostic file of Starview or other maker SFP/XFP for Starview technical support troubleshooting purposes.

The screenshot shows the 'Diagnostics Page' interface for the STARPOD. On the left, there is an image of the STARPOD device with an SFP module inserted. The main area contains a form with the following fields: 'Select Module' (a dropdown menu currently set to 'SFP'), 'Email', and 'Remarks'. A blue 'Process' button is located below the 'Remarks' field. Below the form, there is a 'STATUS:' label. At the bottom of the page, there is a footer with the STARVIEW logo and the text '2018.03.25.01'. Five yellow callout boxes with numbered instructions are overlaid on the interface:

1. Click dropdown list to select Module Type
2. Type in your email
3. Type in the description of the optics  
E.g. 1. Original Nokia module readout  
E.g. 2. Starview module not detected in Juniper router MX80.  
E.g. 3. Starview module found working but showed wrong S/N.
4. Click Process button to read and send the diagnostic file to Starview Tech Support.
5. Status Type  
Shows "Sent" if the readout is done and diagnostic file sent successfully.

Below the instructions, there is a blue text box that reads: 'Insert your SFP/XFP module into STARPOD to send diagnostics file to Starview for support. To request for support, please contact [optics.support@starviewint.com](mailto:optics.support@starviewint.com)'.

Note: - If the status shows "Sending failed", please check your PC's firewall to allow STARPOD operation and valid internet connection.

## 8. Technical support

For any technical assistance, please contact our technical support via the following channels:

- Customer support portal at [www.starviewint.com](http://www.starviewint.com) to submit a ticket.
- Send your queries to our email [support@starviewint.com](mailto:support@starviewint.com)