

STARPOD

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Starview Programmable Optical Device



- STARVIEW Programmable Optical Device (STARPOD) for SFP/ SFP+ and XFP modules
- Field Programmable Device for all Starview Transceivers SFP/ SFP+ and XFP modules
- Support various vendors' coding from database
- Requires access to the internet/ cloud in order to do reprogramming of the transceiver modules
- Coding is based on per license key per module
- Programming period is less than 1 minute per module
- Read and debug original coding
- Patent in progress

STARPOD

Starview Programmable Optical Device



-Programming Kit
-For Starview SFP/SFP+/XFP

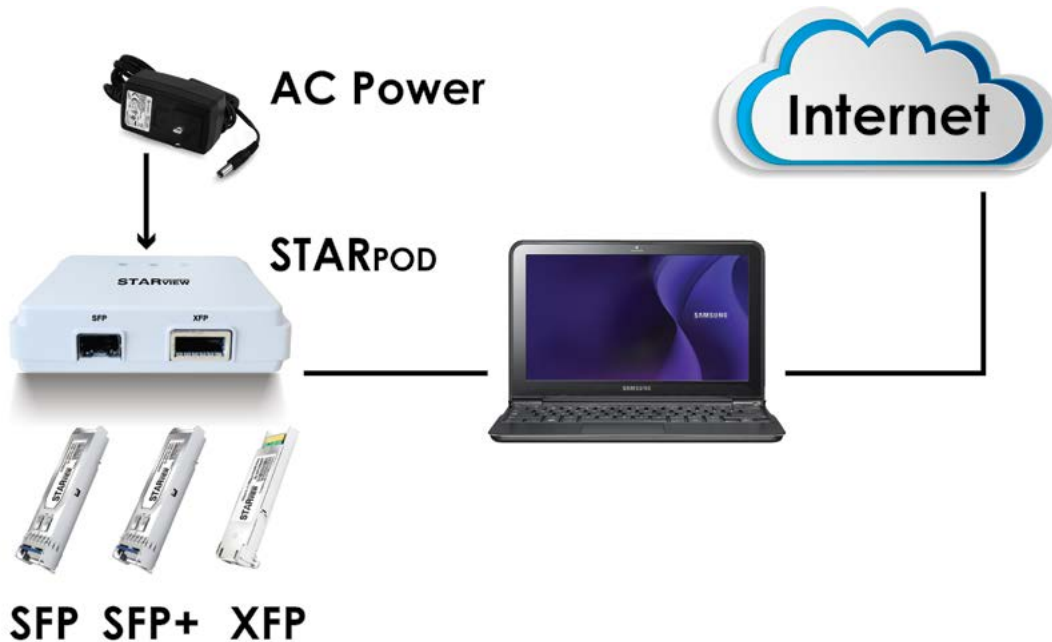


Features

- Programming Kit for Starview SFP/SFP+/XFP
- User friendly graphical user interface(GUI)
- USB port for basic set up
- Multi-vendor programming
- Support 3rd party modules if they are not password protected.
- Requires internet connection during operation
- 1 license key for each module
- License key is offered separately
- Wavelength tuning for DWDM tunable SFP+ module

Starview Programmable Optical Device (STARPOD) is designed to allow the user to re-program Starview transceiver modules (typically SFP/ SFP+ and XFP) in the field. The STARPOD is also capable to tune the DWDM wavelengths of the DWDM tunable SFP+ module. This flexibility to re-program the transceiver module allows the user to connect the module to interwork with multiple leading vendors. The user will save time and money to support the wide varieties of networking equipment today.

Using STARPOD with a computer, the user logs into the internet and re-program the transceiver module with a license key obtainable from Starview certified partner. The re-programming takes less than a minute for each transceiver module. After re-programming, the transceiver module can work with the leading vendor of choice. The module can be re-programmed as many times, as long as the license key is validated.



STARPOD-Purchase VS. Transceiver-Purchase

Using the STARPOD, even for only a few transceivers, soon covers its cost. Or you can get preconfigured transceivers from our Distribution Partners. You decide which solution fits your needs best.



One time Cost: Purchase price for the STARPOD
Running costs: license
Suitable from: ...a need of > 50 transceivers per year
Suited for: ...Network Operators, System House, Resellers

One time Cost: Purchase price for the transceivers
Running costs: None
Suitable from: ...1 transceivers
Suited for: ...Network Operators, Resellers

STARPOD - Transceiver Database and more....

- CISCO
- Juniper
- Alcatel Lucent
- Extreme Networks
- Force 10
- Huawei
- HP
- H3C
- Arista Networks
- Transition Networks
- ADVA Optical Networking
- BTI
- Intel
- EXFO
- JDSU
- Allied Telesis
- Tellabs
- Nortel
- ALAXLA Networks
- Netscout
- Adtran
- Brocade
- Ericsson
- RAD
- Avaya
- NSN
- VSS Monitoring
- Gigamon
- Cyan
- Hitachi Metals
- Etc.

Specifications

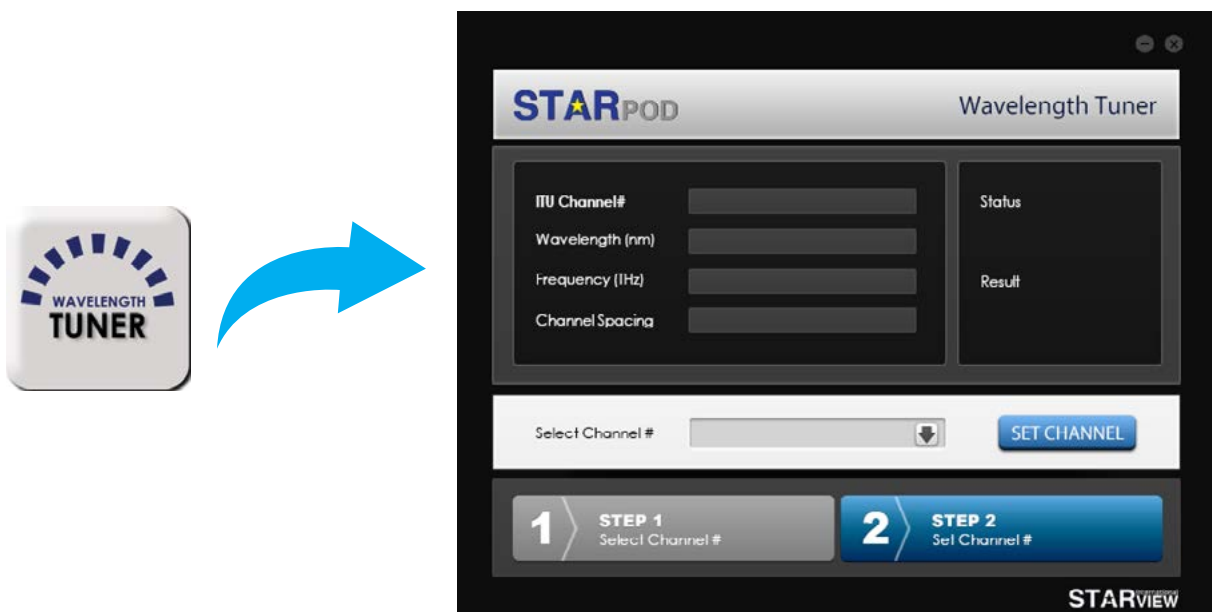
Modules	SFP,SFP+,XFP
Data Rate/Wavelength/Distance	As per SFP/SFP+/XFP data rate is not affected during programming
Dimension	Width: 4.09" [104 mm] Depth: 4.21" [107 mm] Height: 1.18" [30 mm]
AC Adapter Power Input	100 - 240VAC
AC Adapter Power Output	3.3VDC 7.2W max
AC Adapter Current Output	2.19Amp
Operating System	Microsoft Windows 7, Microsoft Windows 8
Warranty	2 Years

Download this software from our webpage at www.starviewint.com. With the ease and flexibility of connecting the STARPOD to your computer.



STARPOD is now capable to tune the DWDM wavelengths of our SFP+ modules.

you can tune the SFP+ to your desired DWDM wavelengths without relying on the network equipment in operation. Talk to Starview for more information of the product.



Wavelengths supported

The following table provides correlation of the ITU-frequency DWDM channel number, wavelength and frequency

## ITU Channel	Wavelength	Frequency (THz)	## ITU Channel	Wavelength	Frequency (THz)	## ITU Channel	Wavelength	Frequency (THz)
11.5	1568.36	191.15	28	1554.94	192.80	44.5	1541.75	194.45
12	1567.95	191.20	28.5	1554.54	192.85	45	1541.35	194.50
12.5	1567.54	191.25	29	1554.13	192.90	45.5	1540.95	194.55
13	1567.13	191.30	29.5	1553.73	192.95	46	1540.56	194.60
13.5	1566.72	191.35	30	1553.33	193.0	46.5	1540.16	194.65
14	1566.31	191.40	30.5	1552.93	193.05	47	1539.77	194.70
14.5	1565.90	191.45	31	1552.52	193.10	47.5	1539.37	194.75
15	1565.50	191.50	31.5	1552.12	193.15	48	1538.98	194.80
15.5	1565.09	191.55	32	1551.72	193.20	48.5	1538.58	194.85
16	1564.68	191.60	32.5	1551.32	193.25	49	1538.19	194.90
16.5	1564.27	191.65	33	1550.92	193.30	49.5	1537.79	194.95
17	1563.86	191.70	33.5	1550.52	193.35	50	1537.40	195.0
17.5	1563.45	191.75	34	1550.12	193.40	50.5	1537.00	195.05
18	1563.05	191.80	34.5	1549.72	193.45	51	1536.61	195.10
18.5	1562.64	191.85	35	1549.32	193.50	51.5	1536.22	195.15
19	1562.23	191.90	35.5	1548.91	193.55	52	1535.82	195.20
19.5	1561.83	191.95	36	1548.51	193.60	52.5	1535.43	195.25
20	1561.42	192.0	36.5	1548.11	193.65	53	1535.04	195.30
20.5	1561.01	192.05	37	1547.72	193.70	53.5	1534.64	195.35
21	1560.61	192.10	37.5	1547.32	193.75	54	1534.25	195.40
21.5	1560.20	192.15	38	1546.92	193.80	54.5	1533.86	195.45
22	1559.79	192.20	38.5	1546.52	193.85	55	1533.47	195.50
22.5	1559.39	192.25	39	1546.12	193.90	55.5	1533.07	195.55
23	1558.98	192.30	39.5	1545.72	193.95	56	1532.68	195.60
23.5	1558.58	192.35	40	1545.32	194.0	56.5	1532.29	195.65
24	1558.17	192.40	40.5	1544.92	194.05	57	1531.90	195.70
24.5	1557.77	192.45	41	1544.53	194.10	57.5	1531.51	195.75
25	1557.36	192.50	41.5	1544.13	194.15	58	1531.12	195.80
25.5	1556.96	192.55	42	1543.73	194.20	58.5	1530.72	195.85
26	1556.55	192.60	42.5	1543.33	194.25	59	1530.33	195.90
26.5	1556.15	192.65	43	1542.94	194.30	59.5	1529.94	195.95
27	1555.75	192.70	43.5	1542.54	194.35	60	1529.55	196.0
27.5	1555.34	192.75	44	1542.14	194.40	60.5	1529.16	196.05

Ordering Information

SV-STARPOD-USB	Starview Programmable Optical Device (STARPod) for reprogramming Starview Transceiver modules (SFP/SFP+/XFP) to support various manufacturer's coding, c/w USB cable and AC/DC power adapter
SV-STARPOD-LIC	Starview Programmable Optical Device (STARPod) per license key to reprogram Starview Transceiver module (SFP/SFP+/XFP)