

# Operation Instructions

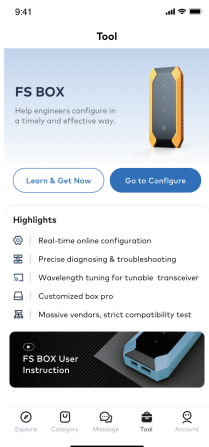
## ① APP Operation

### <1> Scan FS Box

Step 1: Download FS.COM APP.

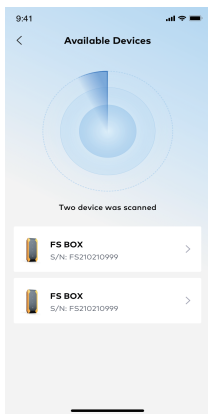


Step 2: Log in FS.COM APP, click **Go to Configure** in the **Tool** section.

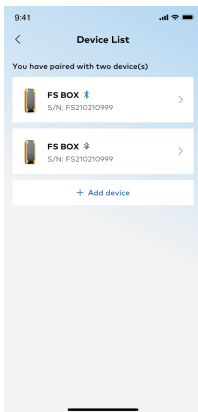


**Step 3:** Power on the FS Box, turn on Bluetooth on both mobile phone and FS Box.

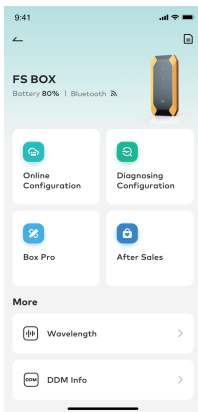
- If you have not operated your FS Box through the App before, try to find the new FS Box in the **available devices**, click the FS Box and connect.



- If you have operated your FS Box through the App before, try to find the online FS Box in **Device List**, and match. Or if the FS Box in the device list is not in your Bluetooth range, click **Add device**, and switch to **Available Device** to scan other new FS Box.



**Step 4:** When FS Box is connected, you will find the real-time battery power and Bluetooth strength on the homepage.



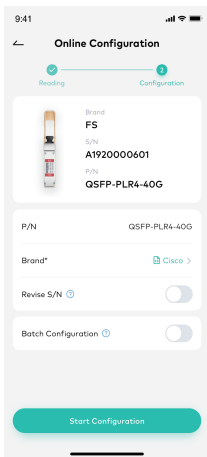
## <2> Online Configuration Service

If you only need to reconfigure the compatibility of optics, enter this section.

**Step 1:** Insert your transceiver into corresponding port of FS Box. If reading succeeds, the status indicator will change from breathing white to always white.

**Step 2:** Choose the compatible brand and click **Start Configuration** (If you are not able to find your aimed compatible brands, please move on **Account**→**Apply FS Box Configuration**→**My Orders** to apply for the special configuration).

**Step 3:** Configuration succeeds, the page shows transceiver information with the new configuration.



### <3> Diagnosing Configuration

**Step 1:** Insert an available transceiver that works well into the corresponding port of FS Box.

**Step 2:** Choose the compatible brand of the available transceiver, and fill in the device model number which the transceiver will be used, then click **Start Diagnosing**.

**Step 3:** Remove the available transceiver and insert your problematic FS transceiver after diagnosing success.

**Step 4:** Click **Start Matching** after the transceiver is replaced.

**Step 5:** Matching succeeds, then pull out the transceiver.

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← Diagnosing Configuration

1 Reading 2 Diagnosing 3 Replace Transceiver 4 Matching

Brand  
**Cisco**

S/N  
**A1920000601**

P/N  
**QSFP-PLR4-40G**

Compatible Brand \* Please choose >

S/N \* A1920000601

P/N\* QSFP-PLR4-40G

[More Information ⓘ](#)

Save the Diagnosing History

**Start Diagnosing**

## <4> Apply FS Box Configurations

If you plan to modify compatibility of FS Transceivers & DAC/AOC Cables beyond the compatible brands online, or need to modify the serial number, model number, and vendor name, you can apply for a custom configuration here . After the configuration application is approved, you can enter Box PRO to make custom configuration changes.

**Step 1:** Login to FS.COM APP.

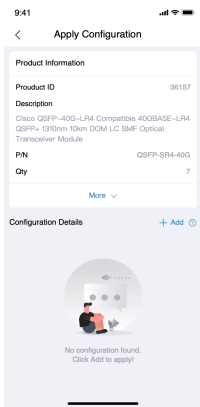
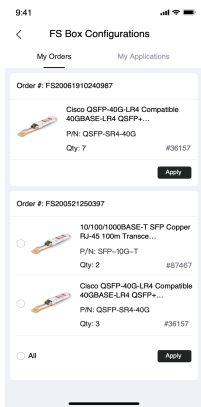
**Step 2:** Enter **Account**→**Apply FS Box Configuration**→**My Orders**.

**Step 3:** Select the order you plan to customize the configuration for and click on the **Apply**.

**Step 4:** Click the **Add**, fill in the detailed custom configuration information, then submit.

PS: If an order requires multiple types of configurations, you can add up to 3 configurations at the same time.

**Step 5:** Check the status and details of your configuration application in **My Applications**.



< Configuration Details

Compatible Brands\*

Please Select ▾

Vendor Name\*

Please Select ▾

P/N\*

QSFP-SR4-40G

S/N\*

Please fill in

Qty\*

Please fill in

Switch Information(P/N, OS, Version)

Please fill in

Save

< Apply Configuration

Product Information

Product ID	36157
Description	Class QSFP-40G-LRM Compatible 40GBASE-LRM QSFP+ 1312nm 10km DDM LC SFP Optical Transceiver Module
P/N	QSFP-SR4-40G
Qty	7

[More ▾](#)

Configuration Details + Add 🔄

Compatible Brands	Class
Vendor Name	FS
P/N	QSFP-SR4-40G
S/N	A302298773
Qty	1

Switch Information  
Class QSFP-40G-SR4 Compatible 40GBA  
Class QSFP-40G-SR4 Compatible 40GBA

Delete      Edit

Compatible Brands Article

Vendor Name	FS
P/N	40GSR4-4M
S/N	F04E74774
Qty	1

Switch Information  
Class QSFP-40G-SR4 Compatible 40GBA  
Class QSFP-40G-SR4 Compatible 40GBA

Delete      Edit

Note (Optional)

Please enter other remarks about the configuration.

Submit

< FS Box Configurations

My Orders

My Applications

🔍 Application #, Order No, P/N, and Brand

All    Unaudited    Passed    Rejected    Canceled

● Unaudited 07/09/2021

Application #: W1600854270317  
Order No.: FS2020120012214 Qty: 5

● Passed 07/09/2021

Application #: W1600854270311  
Order No.: FS2020120012214 Qty: 5

● Rejected 07/09/2021

Application #: W1600854270313  
Order No.: FS2020120012214 Qty: 5

● Canceled 07/09/2021

Application #: W1600854270313  
Order No.: FS2020120012214 Qty: 5

## <5> Box Pro

Showing custom configurations in **My Applications** with the status **Passed**, which can be configured by the customer as required.

### Single configuration

**Step 1:** Search for the configuration to be configured according to the application number or order number.

**Step 2:** Click on an application to view the application details. Select a configuration to view the configuration details.

**Step 3:** Insert the transceiver in the corresponding port of Box and click on the Configuration button to configure.

**Step 4:** After the configuration is configured successfully, view the updated transceiver information and pull out the transceiver.

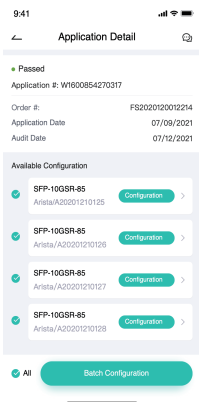
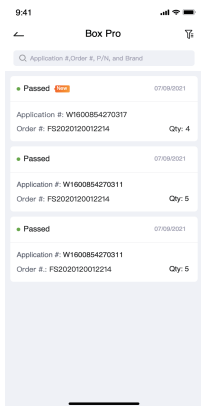
### Batch configuring with multiple configurations

Provide an option to batch configuration.

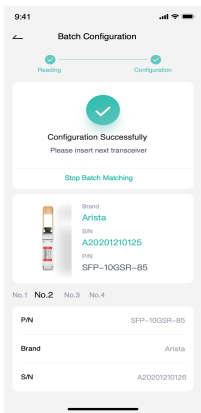
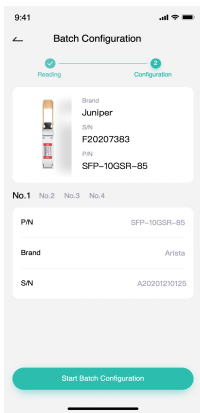
**Step 1:** Insert the transceiver in the corresponding port of FS Box.

**Step 2:** Check multiple configurations and click **Batch Configuration**.

**Step 3:** Click on **Start Batch Configuration**, the APP will be configured in order according to the selected configuration list. You only need to change the optical transceiver one by one to complete the batch configuration operation.







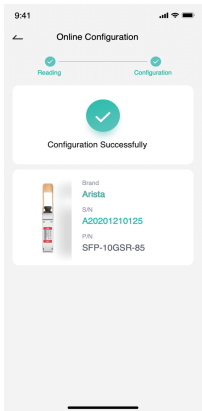
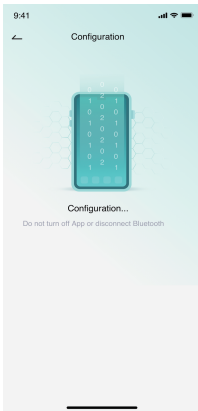
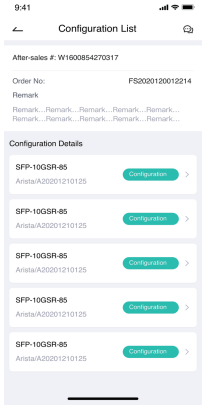
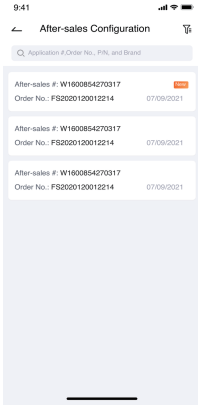
## <6> After Sales

If you purchased FS transceivers or DAC/AOC cables, but not have an FS order in your Account, please share your required configuration information with your Account Manager, and they will apply for the aimed configuration for you offline. Once it is approved, you can simply search for your order number in the After Sales section to find the corresponding configuration and matching.

**Step 1:** Choose an After Sales configuration.

**Step 2:** Insert the transceiver in the corresponding port of the Box and select configuration.

**Step 3:** Click **Configuration** to write the configuration.



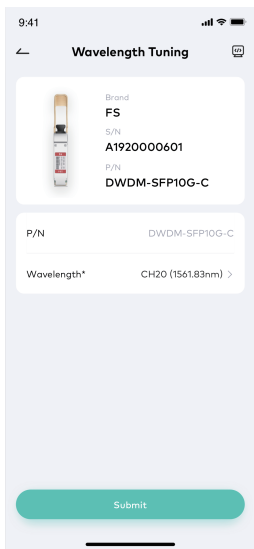
## <7> Wavelength Tuning

Help to modify wavelength for tunable transceivers.

**Step 1:** Insert the tunable transceiver into the corresponding port of the BOX.


**Step 2:** Click on the Wavelength option and select the wavelength you require.

**Step 3:** Click Submit to successfully modify the wavelength.



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Wavelength Tuning



Brand  
**FS**

S/N  
**A1920000601**

P/N  
**DWDM-SFP10G-C**

P/N DWDM-SFP10G-C

Wavelength\* CH20 (1561.83nm) >

Submit

## <8> DDM Information

Enter the DDM section, insert the transceiver into the corresponding port of the Box, the Voltage, Temperature, and Current Value of the transceiver will be directly displayed.

Open the **Testing** button, the Transmit Power will be displayed, and click the download icon to download the detailed DDM report.

