Manuals+ — User Manuals Simplified.

FS-BOX-V4 Optics and Transceiver Instruction Manual

Contents

FS-BOX-V4 Optics and Transceiver

Operation Instructions

APP Operation

Scan FS Box

Step 1: Download FS.COM APP.

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

Tool

FS BOX

Help engineers configure in
a timely and effective way.

[Learn & Get Now] [Go to Configure]

Highlights

⚙ | Real-time online configuration

🖥 | Precise diagnosing & troubleshooting

🔊 | Wavelength tuning for tunable transceiver

🖨 | Customized box pro

🖧 | Massive vendors, strict compatibility test

▶ FS BOX User Instruction

| Explore | Category | Massage | Tool | Account |

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.

Two device was scanned

FS BOX
S/N: FS210210999 >

FS BOX
S/N: FS210210999 >
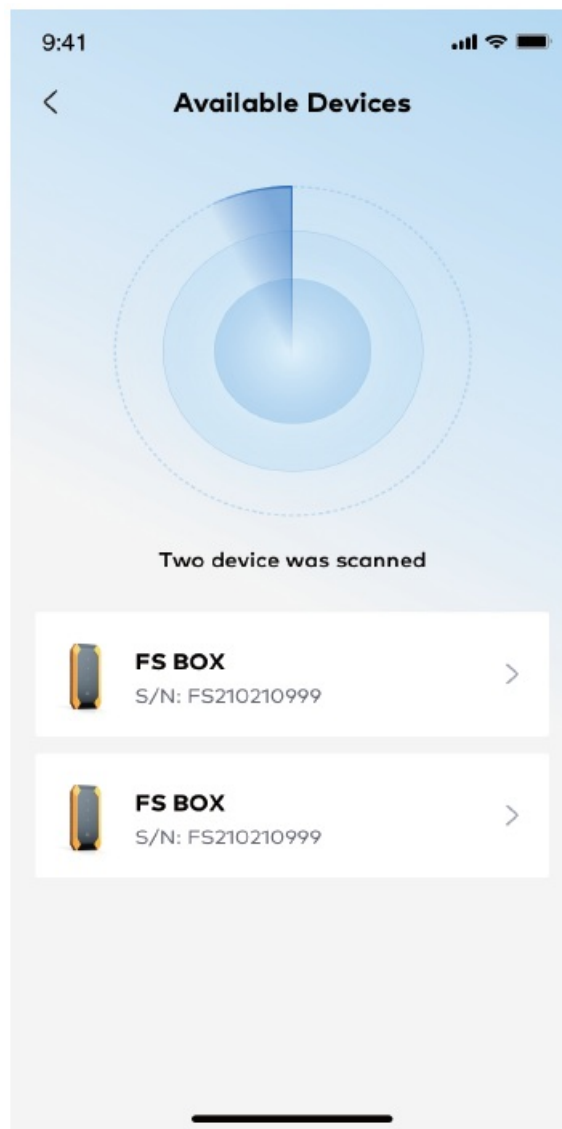
- If you have operated your FS Box through the App before, try to find the online FS Box in Device List, and match. Or if the FS Box in the device list is not in your Bluetooth range, click Add device, and switch to Available Device to scan other new FS Box.
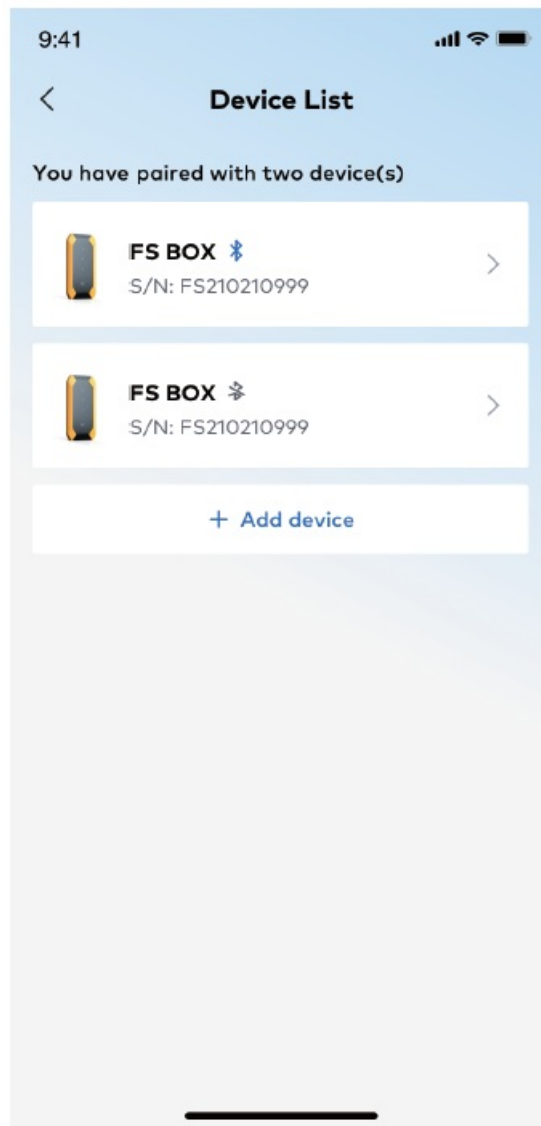
Step 4: When FS Box is connected, you will find the real-time battery power and Bluetooth strength on the homepage.
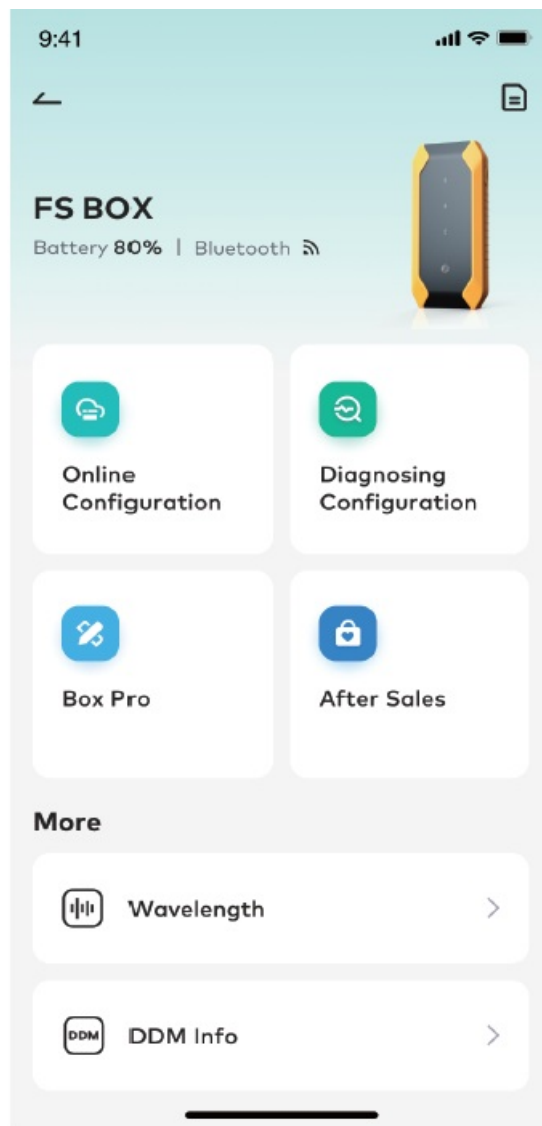
Online Configuration Service

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.

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.

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 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.

FS Box Configurations

My Orders   My Applications

Order #: FS20061910240987

Cisco QSFP-40G-LR4 Compatible
40GBASE-LR4 QSFP+...

P/N: QSFP-SR4-40G

Qty: 7   #36157

Apply

Order #: FS200521250397

10/100/1000BASE-T SFP Copper
RJ-45 100m Transce...

P/N: SFP–10G–T

Qty: 2   #87467

Cisco QSFP-40G-LR4 Compatible
40GBASE-LR4 QSFP+...

P/N: QSFP-SR4-40G

Qty: 3   #36157

○ All   **Apply**

Apply Configuration

Product Information

Prouduct ID	36157

Description

Cisco QSFP–40G–LR4 Compatible 40GBASE–LR4
QSFP+ 1310nm 10km DOM LC SMF Optical
Transceiver Module

P/N	QSFP-SR4-40G
Qty	7

More ∨

Configuration Details   + Add ⑦

No configuration found.
Click Add to apply!

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

Prouduct ID	36157

Description

Cisco QSFP–40G–LR4 Compatible 40GBASE–LR4 QSFP+ 1310nm 10km DOM LC SMF Optical Transceiver Module

P/N	QSFP-SR4-40G
Qty	7

More ⌄

Configuration Details   + Add ⓘ

Compatible Brands	Cisco
Vendor Name	FS
P/N	QSFP-SR4-40G
S/N	A202298773
Qty	1

Switch Information

Cisco QSFP-40G-SR4 Compatible 40GBA
Cisco QSFP-40G-SR4 Compatible 40GBA

Delete	Edit

Compatible Brands	Arista
Vendor Name	FS
P/N	40GSR4–IM
S/N	F94874774
Qty	1

Switch Information

Cisco QSFP-40G-SR4 Compatible 40GBA
Cisco QSFP-40G-SR4 Compatible 40GBA

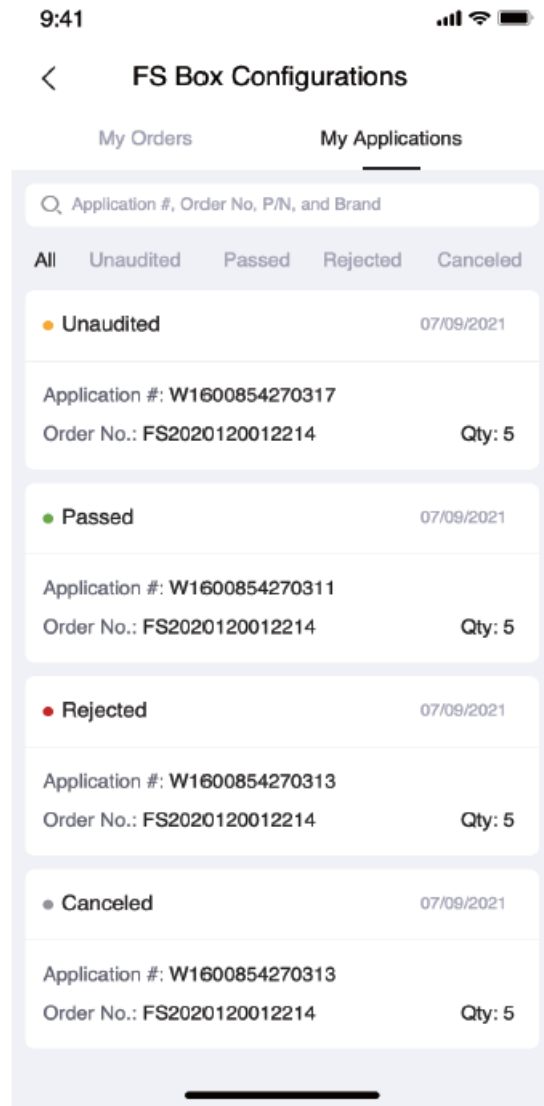| Delete	Edit

Note (Optional)

Please enter other remarks about the configuration.

0/500

Submit

FS Box ConliguraHons

Box Pro

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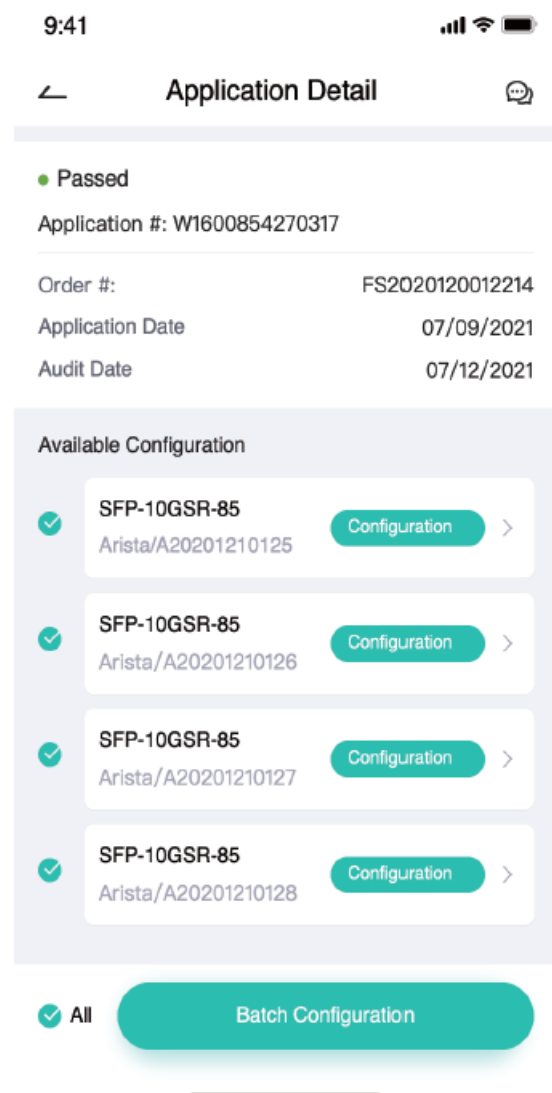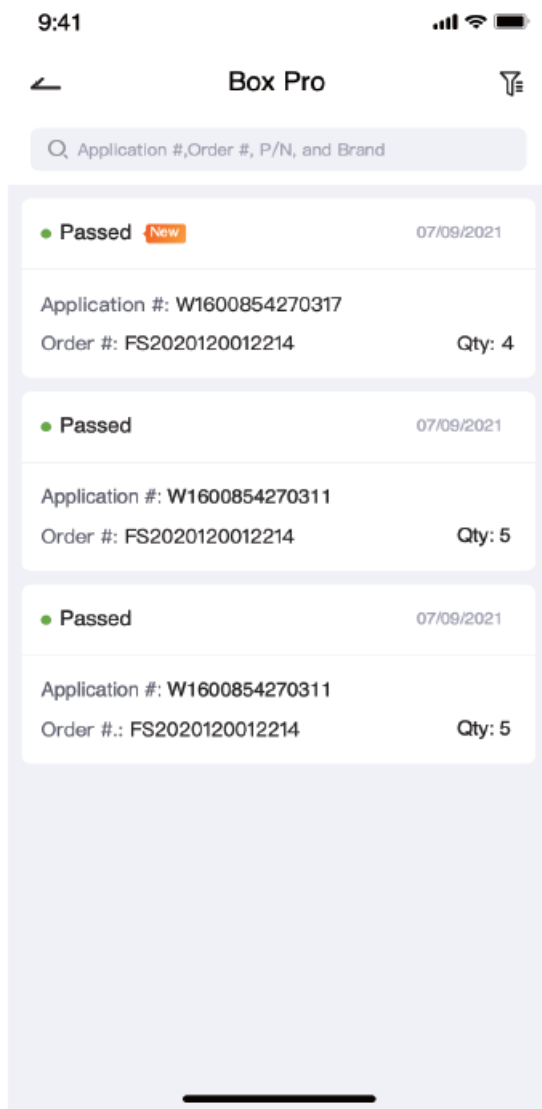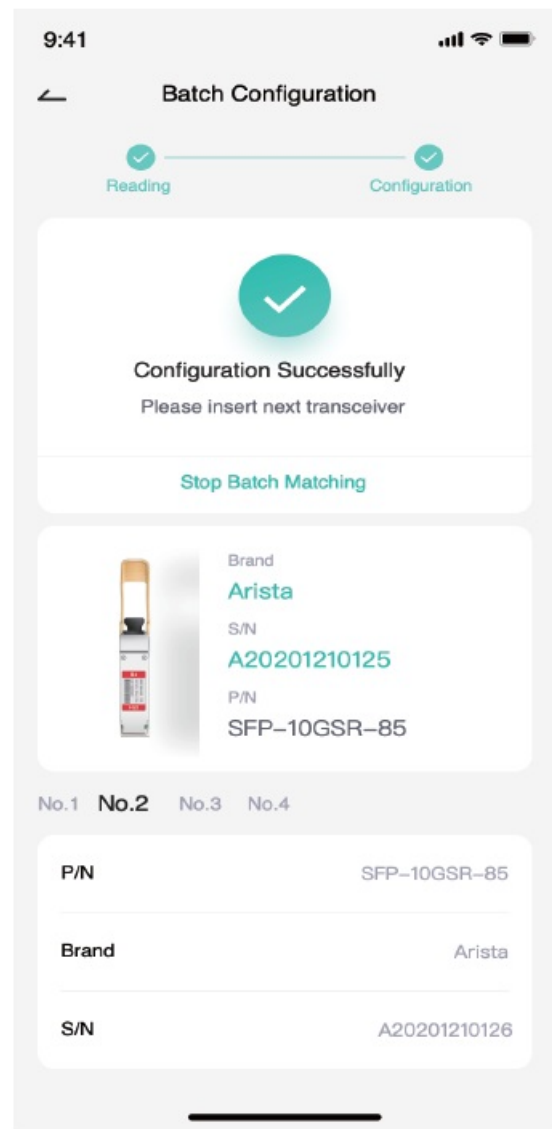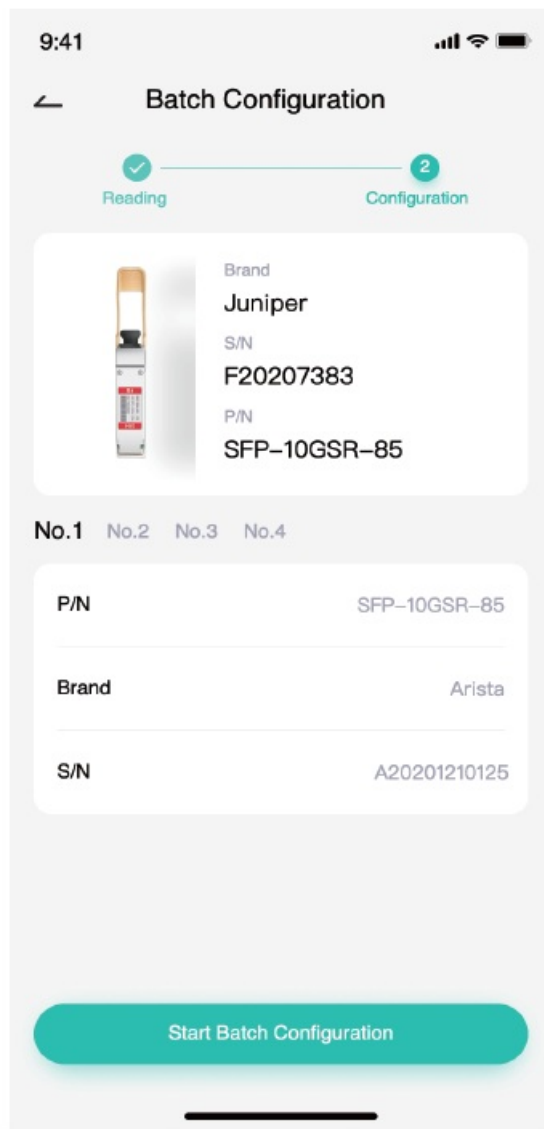
Single configuration

- **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.

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 Acount 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.

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

After-sales #: W1600854270317   New
Order No.: FS2020120012214   07/09/2021

After-sales #: W1600854270317
Order No.: FS2020120012214   07/09/2021

After-sales #: W1600854270317
Order No.: FS2020120012214   07/09/2021

After-sales #: W1600854270317

Order No: FS2020120012214
Remark

Remark...Remark...Remark...Remark...Remark...
Remark...Remark...Remark...Remark...Remark...

Configuration Details

SFP-10GSR-85
Arista/A20201210125   Configuration >

SFP-10GSR-85
Arista/A20201210125   Configuration >

SFP-10GSR-85
Arista/A20201210125   Configuration >

SFP-10GSR-85
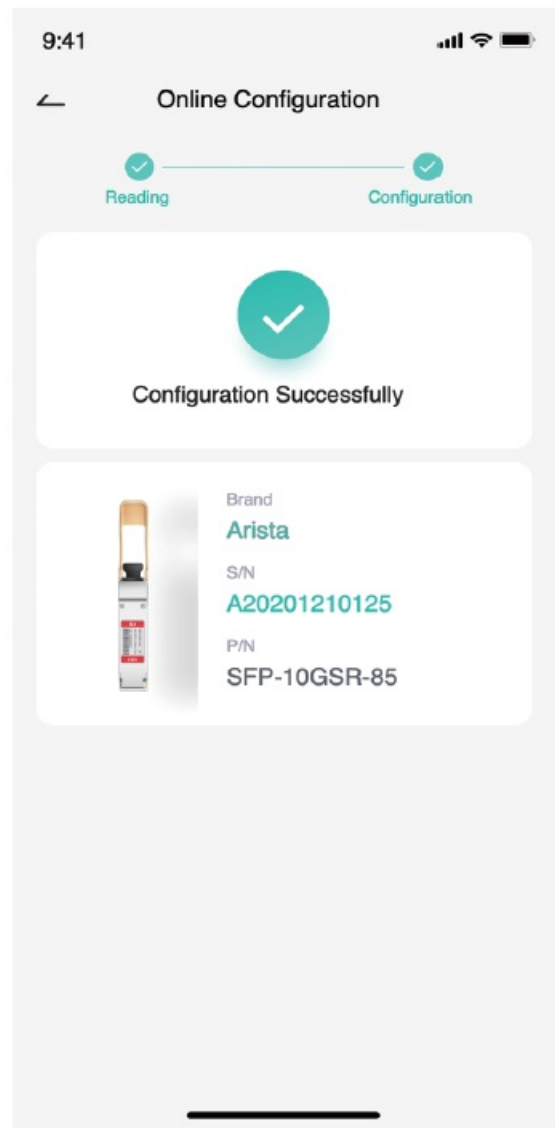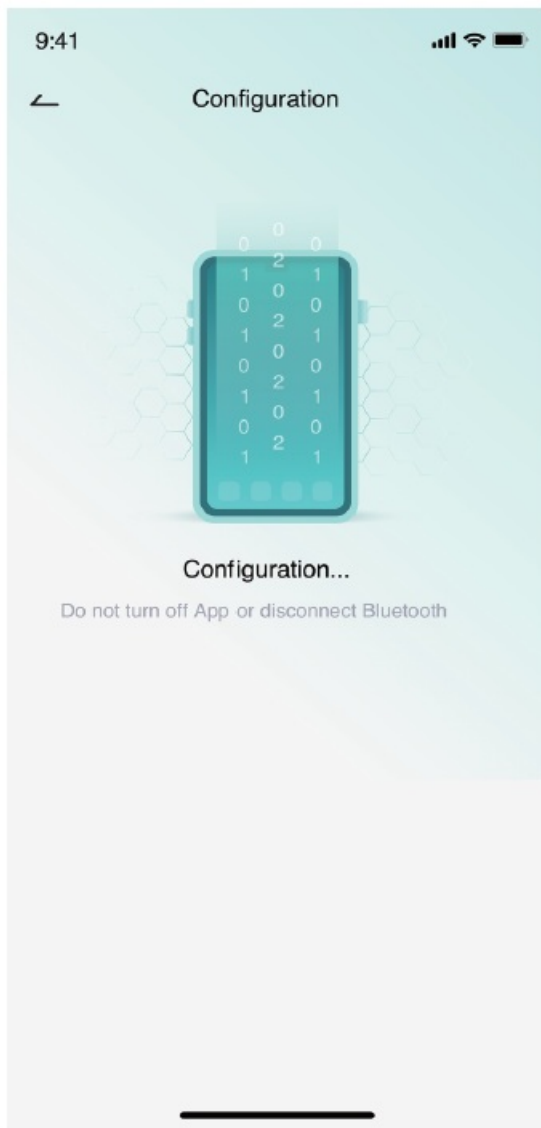Arista/A20201210125   Configuration >

SFP-10GSR-85
Arista/A20201210125   Configuration >

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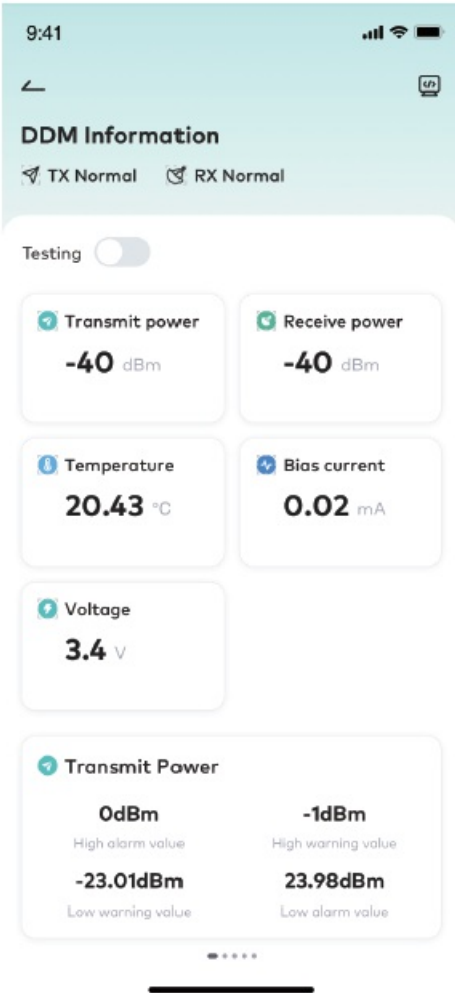- **Step 3:** Click Submit to successfully modify the wavelength.

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.

Documents / Resources

	FS FS-BOX-V4 Optics and Transceiver [pdf] Instruction Manual FS-BOX-V4 Optics and Transceiver, FS-BOX-V4, Optics and Transceiver, Transceiver

References

- 📕 **FS.com - Data Center, Enterprise, Telecom**