

The title 'FS BOX V4 Data Sheet' is displayed in white text. A red circle is positioned to the left of the text, partially overlapping the 'F'.

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Product overview

FS BOX V4, Multi-Functional Transceiver Tool Kit, is a configuration tool specially developed for working in mobile scenes, allowing you to configure your optical transceiver modules anytime and anywhere. BOX V4 is powered independently by the built-in battery, supports Bluetooth connection, and can easily operate applications on mobile phones through IOS and Android. It supports configuration of SFP/SFP+/SFP28, XFP, QSFP+/QSFP28 and QSFP-DD.



Figure 1.
FS BOX V4

Features and benefits

- **Transceivers configuration:** Support SFP / SFP+ / SFP28 / XFP / QSFP+ / QSFP28 / QSFP-DD form factor; you can configure FS transceivers and DAC/AOC cables with rates from 100M to 400G.
- **Bluetooth connection:** Support both USB and Bluetooth connections for configuration anytime, anywhere.
- **Li-battery power supply:** With the low-power SFP transceiver, it can operate continuously for 9 hours without interrupting configuration; The high-power QSFP-DD transceiver can operate for at least 3.5 hours without interrupting configuration.
- **Smart cloud platform:** Support Windows (10 or newer) , Mac OS (10.13 or newer), Android (5.0 or newer) and IOS (11.0 or newer) four operating systems, easily solve your configuration problems.
- **Compatibility configuration:** FS has a dedicated optical transceiver configuration research team dedicated to optimizing and expanding the configuration database. This is an ongoing and necessary work for the box team.
- **Monitor and troubleshooting:** Connect to the cloud platform to monitor the voltage, temperature, bias current value, TX and RX power of the inserted transceiver.
- **Wavelength tuning for tunable DWDM:** Identify whether the inserted transceiver is a tunable transceiver, and configure the transceiver's channel from C19.5 to C60.5 (1561.83-1529.16nm).
- **Service customization:** Support custom optical transceiver configuration information, including part number, compatible brand, serial number, and vendor name.

Product specifications

Table 1 shows the key specifications for the FS BOX V4.

Table 1. Product specifications

Parameter	FS BOX V4
Supported form factors	SFP, SFP+, SFP28, XFP, QSFP+, QSFP28, QSFP-DD
Supported operating systems	Windows (10 or newer), Mac OS (10.13 or newer), Android (5.0 or newer), IOS (11.0 or newer)
Supported browsers	Chrome (68 or newer)
Data connector	Bluetooth or USB Type-C
Bluetooth protocol	Bluetooth Specification V4.2 BLE
Charging connector	USB Type-C
Power source type	3.7V battery powered or 5V USB powered
Battery capacity	3200mAh
Case material	Rubber, Polycarbonate A
Dimensions (HxWxD)	1.13"x2.89"x6.30" (28.7x73.5x160mm)
Weight	0.2Kg
Operating temperature	14° F to 122° F (-10°C to 50°C)

Quality certification

At FS, our Quality Commitment lies in all aspects of processes, resources, and methods that enable us to build superior networks for our customers. Through a quality policy focusing on continuous improvement of products and services, we're able to achieve the highest levels of satisfaction for our customers. To that end, every FS employee is accountable for contributing to the value of the products and services we deliver.

Figure 2 shows some of the authoritative certifications obtained by FS BOX V4.



Figure 2.

Warranty, service and support

FS BOX V4 enjoys a 5-year limited warranty against defects in materials or workmanship. For more information about FS Returns & Refunds policy, visit <https://www.fs.com/policies/warranty.html> or https://www.fs.com/policies/day_return_policy.html

FS provides a personal account manager, free professional technical support, and 24/7 live customer service to each customer.

- Professional Lab: Test each product with the latest and advanced networking equipment.
- Free Technical Support: Provide free & tailored solutions and services for your businesses.
- 80% Same-day Shipping: Immediate shipping for in-stock items.
- Fast Response: Direct and immediate assistance from an expert.

For more information, visit https://www.fs.com/service/fs_support.html

Ordering information

Table 2 provides the ordering information for FS BOX.

Table 2. Ordering information

Part number	Description
FS BOX V4	FS BOX V4, Multi-Functional Transceiver Tool Kit, Support FS Transceivers & DAC/AOC Cables, Red
FS BOX V4	FS BOX V4, Multi-Functional Transceiver Tool Kit, Support FS Transceivers & DAC/AOC Cables, Yellow
FS BOX V3	FS BOX V3, Multi-Functional Transceiver Tool Kit, Support FS Transceivers & DAC/AOC Cables

Additional information

For more information about FS BOX, contact your account manager or visit <https://www.fs.com/c/fs-box-3389>

Document history

New or revised topic	Described in	Date
Updates to FS BOX V4 Data Sheet	Updated all	2/24/2022



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DE 19720, United States
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Munich (Germany)

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