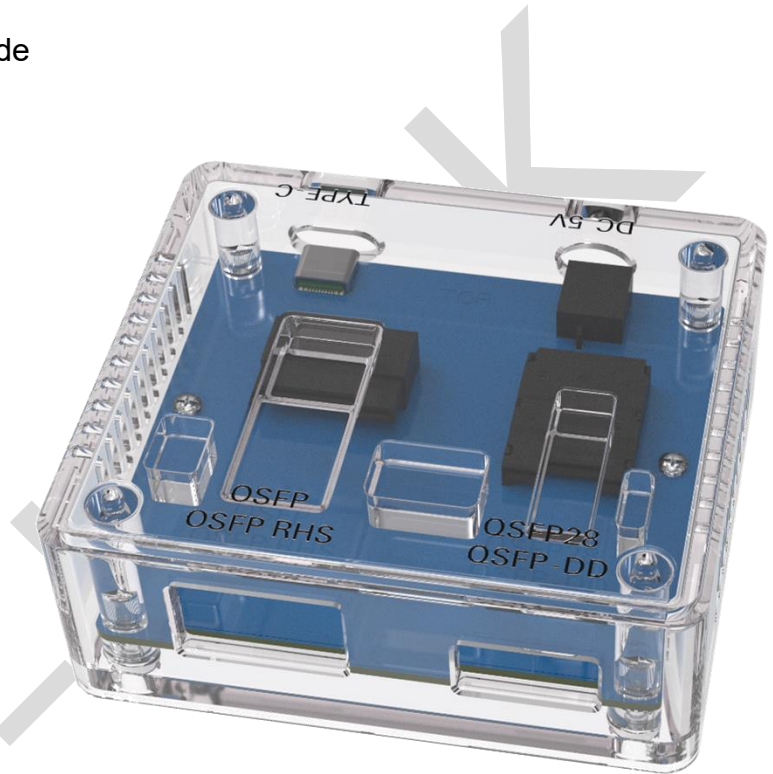


OSFP Coding BOX

PRODUCT FEATURES

- QSFP+/QSFP28/QSFP-DD/OSFP code
- Programming
- Friendly graphic user interface (GUI)
- 5V DC power supply
- Small form & full metal case
- USB Type C connection
- Free driver
- GUI operating environment:
 - Win XP 32bit
 - Win 7 32bit
 - Win8 64bit
 - Win10 64bit
 - Win11 64bit



APPLICATIONS

Reading and Writing the EEPROM of QSFP+/QSFP28/QSFP-DD/OSFP module

DESCRIPTIONS

The OSFP Coding Box connects to a PC through a USB port to implement functions such as write code and DDM for QSFP+ type, QSFP28 type, QSFP-DD type, and OSFP type optical modules.

Ordering Information

Part No.	Description
OSFP Coding BOX	Module interface QSFP+/QSFP28/QSFP-DD/OSFP 5V DC power supply

Absolute Maximum Ratings

Parameter	Symbol	Min.	Typical	Max.	Unit	Notes
Storage Temperature	T _{stg}	0		70	°C	
DC Supply Voltage	V _{CC}	-0.5		5	V	

Technical Specifications

Parameter	Symbol	Min.	Typical	Max.	Unit	Notes
Storage Temperature	T _{stg}	0		50	°C	
DC Supply Voltage	V _{CC}	4.5	5	5.5	V	
Net weight		300			g	

Writing software interface

The current version uses USB power supply. Due to power supply restrictions, QSFP28 and QSFP-DD/OSFP modules do not support the high power consumption mode.

Do not remove or insert an optical module during the write coding.

No need to install drivers.

ETU-LINK
易天·光通信
Coding Box Software V3.0.0.3
☰ ☒

File Setting Tool Help

OSFP

Vendor:
Serial No:
Data rate:
MBps

Part No:
Date Code:
Length:
KM

OUI:
Wavelength:
nm

Device ID: 18a64a1f AutoWrite: Disable

Coding DDM Script

Page: A0 high Tab0
 Enable Password
 Address: A0 7A
 password: 00 00 10 11

Load file
 Save file
 Read Page
 Write Page

Modify Base Infomation:
 Vendor:
 Part No:
 Serial No:
 Date:
 OUI:

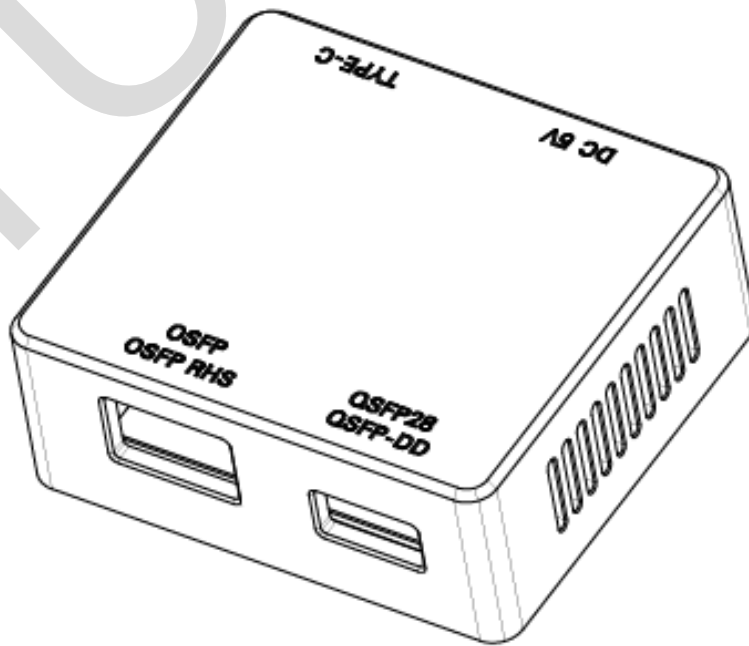
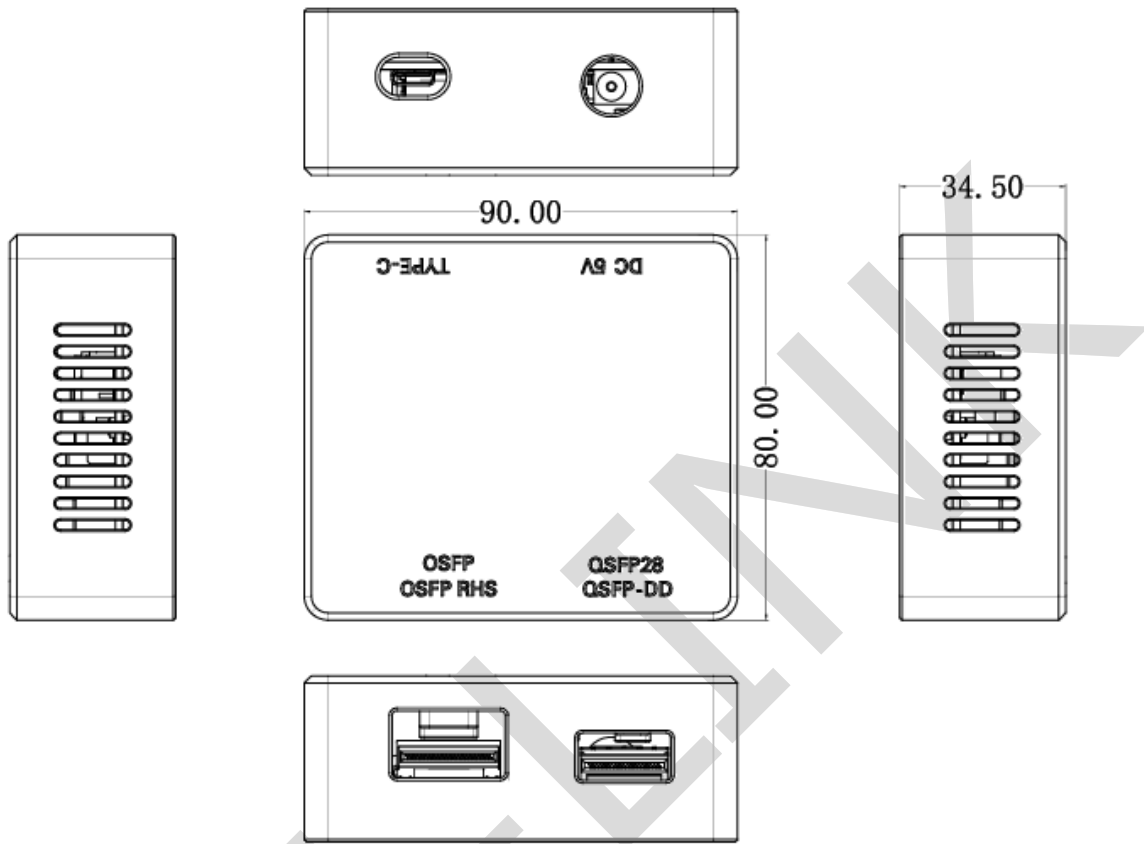
Addr	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00																
10																
20																
30																
40																
50																
60																
70																
80																
90																
A0																
B0																
C0																
D0																
E0																
F0																

Message:
 17:46:51 V3.0.0.3
 17:46:53 Connection succeeded.
 17:46:53 Select SFP type transceiver
17:46:57 Select OSFP type transceiver

NOTE :

For other operation details, see the operation instructions

Mechanical Diagram



Revision History

Version No.	Date	Description
1.0	July 12, 2024	Preliminary datasheet

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