FTT1-1000

SFP and 100/1000BASE-T1 conversion module

▌Brief introduction

FTT1-1000 is an SFP interface conversion module, which supports SFP and 100/1000BASE-T interfaces to switch each other to facilitate normal communication between the in-vehicle Ethernet ECU and a PC.

▌Function introduction

- Support SFP and 1000Base-T1 or support SFP and 100Base-T1
- The port speed depends on the host (configured with the software);
  Master/Slave mode is configured with the software
- The PHY status indicator flashes, indicating that the data Tx/Rx

▌Advantages

- The port speed depends on the host :
  (This module supports 100M rate and 1000M rate) When the host is working in the 1000M mode - the module needs to be configured as 1000M mode (software setting) When the host is working in the 100M mode - the module needs to be configured as 100M mode (software setting)
- Master/Slave mode is configured with the software
- Plug and play, easy to operate

▌Packing list

- FTT1-1000 module x1
- 2m 100/1000BASE-T1 cable x1

▌Specifications

Item	Description
Voltage	3.3V DC+/-0.03 V
Power consumption	Compliance with SFP specifications
Interface standards	1000Base-T1 conforms to IEEE 802.3bp-2016 100Base-T1 conforms to IEEE 802.3bw-2015
Temperature	0-70 ℃
Dimensions	68 x 14 x14 mm
Weight	About 21g