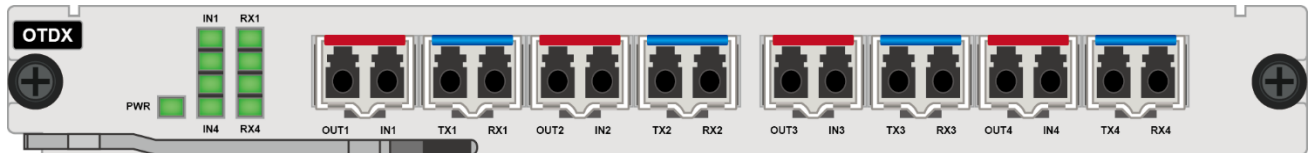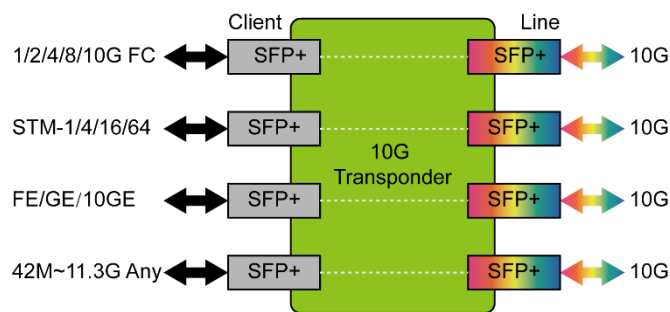# OTDX: 4x10G Any Service Access Card

OTDX is a 4-channel 10G service access card launched by Sintai Communication Co., Ltd. Its main function is to finish the 3R regeneration of any 4-channel signals under any protocol within the access rate of 42M~11.3Gbit/s, and then convert them into optical signals of the standard WDM wavelength, so that the MUX unit can multiplex the optical signals with different wavelengths and also achieve the reverse process. It's applicable to the WDM transmission solution for any access of services with the rate of 11.3G.

## Product Diagram



## Functional Structure



## Product Specification

| Item | Description | |
|---|---|---|
| Card type | 10G OTU-3R | 10G OTU-2R |
| Interface | ● Client side interface: 4, based on SFP + pluggable, compatible with SFP <br> ● Line side interface: 4, based on SFP + pluggable, compatible with SFP | |
| Line mode | It supports the transparent transmission of any type of services in the range of 42M ~ 11.3G, and can convert 4 service optical signals into 4 WDM standard wavelength optical signals | |
| Relay mode | Support 42M ~ 11.3G wavelength electric relay | |
| Access service type | ● GE, 10GE <br> ● 1/2/4/8/10G FC <br> ● STM-16/64 <br> ● CPRI-2/3/6/7 | ● FE, GE, 10GE <br> ● 1/2/4/8/10G FC <br> ● STM-1/4/16/64, OTU1/OTU2/OTU2e <br> ● CPRI-1~8, 42M~11.3G Any |
| WDM technology | ● Support CWDM: 18 channels <br> ● Support DWDM: C band 50GHz 96 channels | |
| Occupied slot number | Occupy 1 slot, applicable to the whole OTNS 8600 series platform | |
| Network management | ● Supports real-time monitoring of port working state, including transmitting optical power, receiving optical power, temperature, etc. <br> ● Support ALS function of optical port | |
| Max power consumption | 16W (including the optical modules) | |
| MTBF | ＞100000 hours | |

Add: 3-4F, Office Building, No.2 Fangda Road, Huangpu District, Guangzhou, China
Tel: 020-82037001     Fax: 020-82553470     Email: support@sintai.com.cn