

Integrated Wavelength Division Multiplexing Equipment (WDM)

Product Introduction

The integrated WDM device is designed and developed by Visint® for data center to interconnect fiber links. It has the advantages of transparent service, low delay, high capacity, low energy consumption, simple operation and stable and reliable equipment. Maximum supports for 1.2T service access interaction capacity. Supporting single-wave 10G/100G/200G rate, suitable for SDH, SAN, SONET, ETHERNET, OTN, DCI interconnection, etc., It provides a high-quality solution for solving transmission lines with insufficient fiber resources and high fiber line loss.



Figure 1: Integrated Wavelength Division Equipment

Product Feature

- ◆ Supporting 10G up to 48 channels of service or 100G up to 12 channels of service convergence for one core fiber transmission.
- ◆ Ultra-high integration design, forward and backward wind, 1+1 protection, complete physical isolation port, transparent transmission.
- ◆ Supporting multiple access 8GFC/10GE/100G Base-SR4/CWDM4/LR4/PSM4/OTU4
- ◆ Supporting SNMP-based unified network management platform, the network management methods include CLI, WEB, NetRiver (graphical interface).
- ◆ Supporting CDR function, which can optimize output, DDM signal monitoring and no optical signal shutdown function.
- ◆ Supporting software to close the port.

Product Specification

System Parameter	Technical Index	
Maximum capacity	12*100G bidirectional transmission, 48*10G bidirectional transmission.	
Wavelength range	DWDM: C-Band (100GHZ or 50GHZ).	
Service access types	SDH, SAN, SONET, ETHERNET, OTN	
Transmission distance	Support transmission distance: 10KM, 40KM, 80KM, etc. (optional).	
Network-level protection	Line side 1+1 protection.	
Network management function	CDR function (DDM Real time monitoring), no optical signal shutdown function, business one-way or bidirectional setting, supports in-band and out-of-band network management.	
Network management mode	CLI , NetRiver, WEB.	
Product dimension	482.6 (W)*44(H)*600(D)(mm).	
Environmental requirements	Working temperature	-10°C~+70°C.
	Storage temperature	-40°C ~ 80°C.
	Relative humidity	5% ~ 95% no condensation.
Safety and EMC	Compliance with FCC, UL, CE, TUV, CSA standard.	
Input power supply	AC voltage range: Supports 90V~264V 50/60HZ, DC voltage range: Supports -36V~60V.	
Power consumption	<200W.	

Ordering Information:



波分类型

Vispace 1000: CWDM

Vispace 1000-D: DWDM 或混合波



系统架构

1: 1U4 槽&1U3 槽

2: 2U8 槽

4: 4U16 槽

I: 集成式机箱

C: 紧凑型机箱