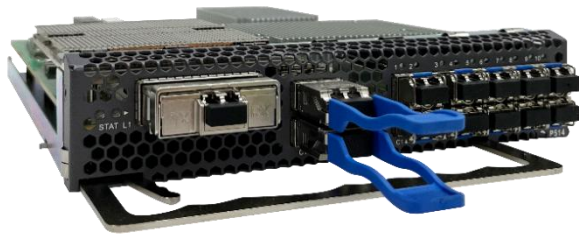


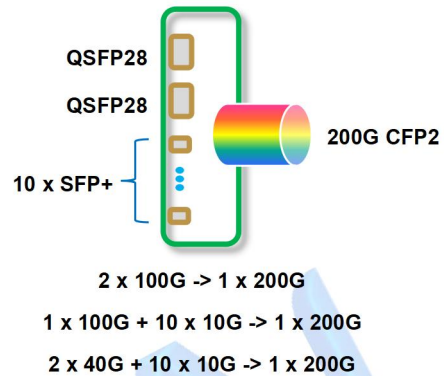
## P514: 200G Muxponder(10G+100G)

The 200G Muxponder service board(P514) launched by Sintai Communication carries multiple 10G~100G rate services through one 200G wavelength. The line-side uses standard 200G CFP2 pluggable coherent optical modules to provide large-capacity, high-performance, cost-effective optical transmission solutions.

### Product view



### Functional structure



### Application scenario

- Suitable for metropolitan area networks and long-distance network transmission up to 1000km
- Suitable for large-capacity DCI network transmission in enterprises, campuses, cloud computing, etc.
- 200G links for existing OTN /DWDM infrastructure

### Product specifications

200G Muxponder(P514)	
<b>Occupied slot</b>	2 slots
<b>Line-side</b>	<ul style="list-style-type: none"> <li>● 1 CFP2 optical port: 200G&amp;400G CFP2 -DCO module, pluggable</li> <li>● Extended C-band/ultra-wide C-band, supports Flexible Grid, 6.25GHz slice</li> <li>● Support adjustable light-emitting power, the range depends on the optical module</li> <li>● Support single-fiber bidirectional transmission(optional)</li> </ul>
<b>Client-side</b>	Support hot swapping of 2 QSFP28 and 10 SFP+ /SFP28 modules
<b>Supported service types</b>	10GbE, 25GbE, 40GbE, 100GbE, 100GbE FlexE(Unware), STM-64, 10GbE_WAN, FC800, FC1600, FC3200, OTU2, OTU2e, OTU 4
<b>Latency measurement</b>	Support online delay measurement based on ODU layer on the line-side
<b>Loopback</b>	Support inner loop and outer loop on line-side and client-side
<b>LLDP</b>	Receive mode only(when the service type is Ethernet)
<b>ALS</b>	Client-side support(when the service type is Ethernet)
<b>Alarm and performance monitoring</b>	<ul style="list-style-type: none"> <li>● Support line-side and client-side performance monitoring and alarm monitoring</li> <li>● Support Ethernet RMON monitoring</li> <li>● Support monitoring of optical module temperature, current, optical power, etc.</li> <li>● Support Telemetry</li> </ul>
<b>Typical power consumption</b>	<110W