Ultra-high-speed optical layer-1 switching BOX for Datacenter & Broadcasting

**Plugged into the Optical Networking**

Now we are focusing on development and research for energy saving solution for data center networking, based on brand new SDN flow control architecture by using new device called PLZT module, capable low-power and Ultra-Fast optical switching.

**Project Roadmap**

2018: Basic research, O-BAND Optical Switch
2019: Engineering sample, O-BAND Optics Switch
2020: Product, O-BAND Optical Switch
2021: Release

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**DWDM System (TX)**

- 8K Camera
- U-SDI
- 8K video recorder
- U-SDI

**DWDM System (RX)**

- Video Blanking Area Switching
- PLZT Optical Switch
- U-SDI

**For Broadcast Application**

World’s first, Successful switching of 8K video source without interruption by optical switching.

**Remark information**

This poster is based on results obtained from a project subsidized by the New Energy and Industrial Technology Development Organization.

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